

GenCore version 5.1.6  
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OM nucleic - nucleic search, using bw model

Run on: November 10, 2005, 07:47:55; Search time 192 Seconds  
(without alignments)

11735.172 Million cell updates/sec

Title: US-10-009-852-15

Perfect score: 1377

Sequence: 1 atggtagtactggacac.....ccctgtctccggtaatgta 1377

Scoring table: IDENTITY\_NUC Gapop 10.0 , Gapext 1.0

Searched: 1202784 seqs, 818138359 residues

Total number of hits satisfying chosen parameters: 2405568

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%

Listing first 45 summaries

Database : Issued\_Patents\_NA:\*

1: /cgn2\_6/potdata/1/ina/5A\_COMB.seq:\*

2: /cgn2\_6/potdata/1/ina/5B\_COMB.seq:\*

3: /cgn2\_6/potdata/1/ina/6A\_COMB.seq:\*

4: /cgn2\_6/potdata/1/ina/6B\_COMB.seq:\*

5: /cgn2\_6/potdata/1/ina/PCTUS\_COMB.seq:\*

6: /cgn2\_6/potdata/1/ina/backfiles.seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Query	Match	Length	DB ID	Description
1	1377	100.0	1377	4	US-09-773-877B-25
2	1328.4	96.5	1453	4	US-09-773-877B-21
3	1049.2	76.2	1444	4	US-09-773-877B-23
4	1039.4	75.5	1359	4	US-09-773-877B-15
5	1032.4	75.0	1389	4	US-09-773-877B-17
6	982.4	71.7	1674	4	US-09-773-877B-13
7	980.8	71.3	1704	4	US-09-773-877B-19
8	686	49.8	2043	3	US-08-227-496C-14
9	684	49.7	705	4	US-09-023-655-1223
10	684	49.7	1019	3	US-09-178-869-1
11	684	49.7	1019	4	US-09-761-413-1
12	684	49.7	1182	3	US-09-180-100-19
13	684	49.7	1428	1	US-08-488-376-19
14	684	49.7	1428	2	US-08-634-224-19
15	684	49.7	1428	2	US-08-634-224-19
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17	684	49.7	1428	2	US-08-634-400-19
18	684	49.7	1428	2	US-08-635-878-19
19	684	49.7	1428	2	US-08-770-057-19
20	684	49.7	1428	3	US-09-335-697B-19
21	684	49.7	1428	3	US-09-335-697B-19
22	684	49.7	1428	4	US-09-740-002-19
23	684	49.7	1431	3	US-08-487-550-3
24	684	49.7	1431	3	US-09-487-550-11
25	684	49.7	1431	4	US-09-526-098-3
26	684	49.7	1431	4	US-09-526-098-11
27	684	49.7	1431	4	US-09-383-916-3

## ALIGNMENTS

RESULT 1  
US-09-773-877B-25  
; Sequence 25, Application US/09773877B  
; Patent No. 683349

; GENERAL INFORMATION:  
; APPLICANT: Xia, Yu-Ping et al.  
; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES  
; FILE REFERENCE: REG 710b  
; CURRENT APPLICATION NUMBER: US/09/773,877B  
; CURRENT FILING DATE: 2001-01-31  
; NUMBER OF SEQ ID NOS: 27  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO: 25  
; LENGTH: 1377  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: VEGFR1R2.FcdeltaC1 (a) Receptor  
; NAME/KEY: CDS  
; LOCATION: (1)..(1377)  
US-09-773-877B-25

Query Match 100.0%; Score 1377; DB 4; Length 1377;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 1377; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATGGTCAGCTACTGGACACCGGGCCTGGCTGGCGCTAGCTGCTGCTCTC 60  
Db 1 ATGGTCAGCTACTGGACACCGGGCTGGCTGGCTGGCGCTAGCTGCTCTC 60  
Qy 61 ACAGGAACTAGTCCGAAGTGTACCGTAGACCTTCGTAAGATGTAAGTGAATC 120  
Db 61 ACAGGAACTAGTCCGAAGTGTACCGTAGACGGAGCTGCTGGCTGGCTGGCTGGCTCTC 120  
Qy 181 CCTAACATCATCTGTTACTTTGACACTTGTACCTGCTCCCTGATGGAAAA 240  
Db 181 CCTAACATCATCTGTTACTTTGACACTTGTACCTGCTCCCTGATGGAAAA 240  
Qy 241 CGCATTAATCTGGACAGTAGAAGGGCTCATCATCAAATGCAAGTACAAAGAAATA 300  
Db 241 CGCATTAATCTGGACAGTAGAAGGGCTCATCATCAAATGCAAGTACAAAGAAATA 300  
Qy 301 GGCTCTGACCTGTGAGCAAGTAAATGGCAATTGTATAAGCAAACTATCTACA 360  
Db 301 GGCTCTGACCTGTGAGCAAGTAAATGGCAATTGTATAAGCAAACTATCTACA 360

361	CATCGAACCAATACATCATAGATGGTTCTGACTCGTCATGGAAATTGACATA	420
361	CATCGAACCAATACATCATAGATGGTTCTGACTCGTCATGGAAATTGACATA	420
421	TCTGTCGAGAAAAGCTTGTCTTAAATTGTACACAGAACTCACTAAATGCGGATT	480
421	TCTGTCGAGAAAAGCTTGTCTTAAATTGTACACAGAACTCACTAAATGCGGATT	480
481	GACTTCAACTGGAAATACCCCTCTCGAAGCATGACATAGATAAGAACTTGTAAACCGAGAC	540
481	GACTTCAACTGGAAATACCCCTCTCGAAGCATGACATAGATAAGAACTTGTAAACCGAGAC	540
541	CTAAAAACCCAGTCTGGAGTGAATGAGAAATTTTTGAGCACCTAACTATAGTGGT	600
541	CTAAAAACCCAGTCTGGAGTGAATGAGAAATTTTTGAGCACCTAACTATAGTGGT	600
601	GTAACCGGAGTGTACCAAGGATTGTACCTGTGACATCCAGTGGGTATGACCAAG	660
601	GTAACCGGAGTGTACCAAGGATTGTACCTGTGACATCCAGTGGGTATGACCAAG	660
661	AAAAGAACGACATTTCTCAGGTTCATGAAAAGAACAAACTCACATGCCACCGTGC	720
661	AAAAGAACGACATTTCTCAGGTTCATGAAAAGAACAAACTCACATGCCACCGTGC	720
721	CCAGCACCTGAACTCTGGGGGACCGTCACTGGTCTCCCTCCCTCCCTCCCTCCCT	780
721	CCAGCACCTGAACTCTGGGGGACCGTCACTGGTCTCCCTCCCTCCCTCCCT	780
781	ACCCCTCATGATCTCCGAACTCTGGTCACTGGTCACTGGTCACTGGTCACTGGT	840
781	ACCCCTCATGATCTCCGAACTCTGGTCACTGGTCACTGGTCACTGGTCACTGGT	840
841	GACCCCTGAGSTCAACTTCACTGGTCACTGGTCACTGGTCACTGGTCACTGGT	900
841	GACCCCTGAGSTCAACTTCACTGGTCACTGGTCACTGGTCACTGGTCACTGGT	900
901	AAGCCGGGGAGGAGGAGTACAACAGCAGTACCTGTTGTCAGGTTCTCACCGTCCTG	960
901	AAGCCGGGGAGGAGGAGTACAACAGCAGTACCTGTTGTCAGGTTCTCACCGTCCTG	960
961	CAACAGAACTGGTGAATGGAAAGGAGTACAAGTCAACAGCAGTACCTGTTGTCAGG	1020
961	CAACAGAACTGGTGAATGGAAAGGAGTACAAGTCAACAGCAGTACCTGTTGTCAGG	1020
1021	GCCCCCATGAGAAAACCATCTCCAAAGGCAAGGCAAGGCAAGGCAAGGCAAGG	1080
1021	GCCCCCATGAGAAAACCATCTCCAAAGGCAAGGCAAGGCAAGGCAAGGCAAGG	1080
1081	ACCCCTGCCCATCCGAAATCCGGGATGAGCTGACCAAGAACAGGTCACTGGCT	1140
1081	ACCCCTGCCCATCCGAAATCCGGGATGAGCTGACCAAGAACAGGTCACTGGCT	1140
1141	AAAGGCTTCTATCCAGCGACATCCCGTGGAGGAGCAATGGCACTCCGGAGAAC	1200
1141	AAAGGCTTCTATCCAGCGACATCCCGTGGAGGAGCAATGGCACTCCGGAGAAC	1200
1201	AACTACAGAACCGCTCTCCGGTGTGACTCCAGGCTCTCCGGTGTGACTCCAGG	1260
1201	AACTACAGAACCGCTCTCCGGTGTGACTCCAGGCTCTCCGGTGTGACTCCAGG	1260
1261	CTAACCTGGACAAAGCAGTGGCAAGGCAAGGCAAGGCAAGGCAAGGCAAGG	1320
1261	CTAACCTGGACAAAGCAGTGGCAAGGCAAGGCAAGGCAAGGCAAGGCAAGG	1320
1321	GAGGCTCTGACAAACCACTACCCGAGGAGCTCTCCCTGGCTCTCCGGTAATGCA	1377
1321	GAGGCTCTGACAAACCACTACCCGAGGAGCTCTCCGGTAATGCA	1377

RESULT 2  
6-09-773-877B-21  
Sequence 21, Application US/09773877B  
Patent No. 6833349

712	CCACCGTGCAGCACCCTGAACTCTCTGGGGAACTCGTCACTCTCTCCCTCCCTCCAAA	771
780	CCACCGTGCAGCACCCTGAACTCTCTGGGGAACTCGTCACTCTCTCCCTCCCTCCAAA	831



Db	1131	CAGGTGTACCTCTGCCCATCCGGATGAGTGACCAAGAACAGGTAGCCGAC	1191
Qy	1132	TGCTTGGTAAACGCTTCTATCCAGGACATGCCGTTGAGGAGCAATGGCAG	1191
Db	1191	TGCTTGGTAAAGCTTCTATCCAGGACATGCCGTTGAGGAGCAATGGCAG	1250
Qy	1192	CCGAGAACTAAGAACCCGCTTCTATCCAGGACATGCCGTTGAGGAGCAAT	1251
Db	1251	CCGAGAACTAAGAACCCGCTTCTATCCAGGACATGCCGTTGAGGAGCAAT	1310
Qy	1252	TACGCAAGCTCCGGTACAGAACAGGTGGCGGACGGGGACGTTCTCATGCT	1311
Db	1311	TATGCAACCTACGGTACAGAACAGGTGGCGGACGGGGACGTTCTCATGCT	1370
Qy	1312	GTGATGATGATGAGGCTCTGACAAACACTAACAGCGAAAGAGCTCTCCGGT	1371
Db	1371	GTGATGATGAGGCTCTGACAAACACTAACAGCGAAAGAGCTCTCCGGT	1430
Qy	1372	AAATGA 1377	
Db	1431	AAATGA 1436	
RESULT 4			
	US-09-773-877B-15		
	; Sequence 15; Application US/09773877B		
	; Patent No. 6,033,449		
	; GENERAL INFORMATION:		
	; APPLICANT: XIA, YU-PING et al.		
	; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES		
	; FILE REFERENCE: REG 710B		
	; CURRENT APPLICATION NUMBER: US/09/773, 877B		
	; CURRENT FILING DATE: 2001-01-31		
	; NUMBER OF SEQ ID NOS: 27		
	; SOFTWARE: Patentin version 3.0		
	; SEQ ID NO: 15		
	; LENGTH: 1359		
	; TYPE: DNA		
	; ORGANISM: Artificial Sequence		
	; FEATURE:		
	; OTHER INFORMATION: F1t-(2-3 deltaB) - Fc (Mut2)		
	; NAME/KEY: CDS		
	; LOCATION: (1) .. (1359)		
	US-09-773-877B-15		
Qy	Query Match	75.5%	Score 1039; DB 4; Length 1359;
	Best Local Similarity	96.3%; Pred No. 3	5e-269;
	Matches 1185; Conservative	0; Mismatches	170; Indels 18; Gaps 3;
Qy	1 ATGGTCAGTACTGGACACCGGGGCTGTCGCTGCGCTGTCGCTGTC	60	
Db	1 ATGGTCAGTACTGGACACGGGGCTGTCGCTGCGCTGTCGCTGTC	60	
Qy	61 ACAGGATCTAGTTCGAAAGTATACGGTACCTTGTAGAATGTTGACCT	120	
Db	61 ACAGGATCTAGTTCGGA-----GGTAGACCTTGTAGAATGTTGACCT	111	
Qy	121 CCCAAATTATACATGACTCAAGAACAGGAGCTGCACTCCCTCCGGT	180	
Db	112 CCCAAATTATACATGACTCAAGAACAGGAGCTGCACTCCCTCCGGT	171	
Qy	181 CCTAACATCAGTGTACTTTAAAAAGTTCCACTGACACTTGATGGAAA	240	
Db	172 CCTAACATCAGTGTACTTTAAAAAGTTCCACTGACACTTGATGGAAA	231	
Qy	241 CGCTAACATCTGGCACTAGAAAGGCTTCACTATACAACTCAAGAAATA	300	
Db	232 CGCTAACATCTGGCACTAGAAAGGCTTCACTATACAACTCAAGAAATA	291	
Qy	301 GGGCTTCGACCTGAGAACAGTAAAGCAAACTATCAAGAAACTATCACA	360	
Db	292 GGGCTTCGACCTGAGAACAGTAAAGCAAACTATCAAGAAACTATCACA	351	

Patent No. 6833349





RESULT 8  
 US-09-773-877B-11  
 1 Sequence 11, Application US/09/773877B  
 1 Patent No. 683349  
 1 GENERAL INFORMATION:  
 1 APPLICANT: Xia, Yu-Ping et al.  
 1 TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES  
 1 FILE REFERENCE: REG 710b  
 1 CURRENT APPLICATION NUMBER: US/09/773, 877B  
 1 CURRENT FILING DATE: 2001-01-31  
 1 NUMBER OF SEQ ID NOS: 27  
 1 SOFTWARE: PatentIn version 3.0

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SEQ ID NO 11  
 LENGTH: 1704  
 TYPE: DNA  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: Flt1(1-3) - FC  
 NAME/KEY: CDS  
 LOCATION: (1)...(1704)  
 US-09-773-877B-11

Query Match 71.2%; Score 980.8; DB 4; Length 1704;  
 Best Local Similarity 85.3%; Prod. No. 1.5e-252;  
 Matches 1131; Conservative 0; Mismatches 162; Indels 33; Gaps 2;

Qy 79 AGTGTACCGGTAGACCTTTCTGAGAGTGTACAGTGAATCCCGAAATTATACACATG 138  
 Db 385 AGTCATACAGGTAGACCTTTCTGAGAGTGTACAGTGAATCCCGAAATTATACACATG 444  
 Qy 139 ACTGAAGGAGGGAGCTCGTCACTCCCTGCCGGTAGCTACCTAACATCACTGTACT 198  
 Db 445 ACTGAAGGAGGGAGCTCGTCACTCCCTGCCGGTAGCTACCTAACATCACTGTACT 504  
 Qy 199 TTAAGAAAGTTCCACTTGACACTTTGATCCCTGATGGAAAACGCAATAATCTGGGACAGT 258  
 Db 505 TTAAAAGAAAGTTCCACTTGACACTTTGATGGAAAACGCAATAATCTGGGACAGT 564  
 Qy 259 AGAAGGGTTCACTATCAATGCAAGTAGAAGAAATAGGCTCTGACCTGTCAA 318  
 Db 565 AGAAGGGTTCTCATATCAATGCAAGTAGAAGAAATAGGCTCTGACCTGTCAA 624  
 Qy 319 GCAACAGTCATGGCATTGTATAAGAACAACTTCACACATCGAACAACTATAACA 378  
 Db 625 GCAACAGTCATGGCATTGTATAAGAACAACTTCACACATCGAACAACTATAACA 684  
 Qy 379 ATCATAGATGTTGAGTCCTCATGGAAATTTGAAACTATCTGTTGGAGAAAGCTT 438  
 Db 685 ATCATAGATGTCCTAACATAGGACACACCCCTGAGCTGAAATTACTTAGGCCATATCTCTT 744  
 Qy 439 GTCTTAATTGTACAGCAAGAACATGAAACTTAATGTTGGGATTGACTTCACACTGGAAATC 498  
 Db 745 GTCTTCATGTGACTGTCACACTCCCTGAAACAGAGAGTTCAATGACCTGGTGTAC 804  
 Qy 499 CCTCTTCGAAAGCATAGCAATAAGAACCTTGTAAACCCAGAACCTCTGTGG 558  
 Db 805 CCT-----GATGAAARAAAATAAGAGCTTCCGTAAAGCGAACATATGCCAACAT 858  
 Qy 559 AGTGTAGATGAAAGAAATTGAGCCCTTAACTATAGATGTTGAACTCTGGGAGTGACCAA 618  
 Db 859 TCCCTTGCCACATATTCTACAGTGTCTTAATPTGAAATAATGAGAACAAAGACAAA 918  
 Qy 619 GGATTGACACCTGTGACATGGCTGAACTTGTGGCTGATGACCAAGAACAGCACATTCTGC 678  
 Db 919 GGACTTTATACCTGCTGTAAGGAAGTGGACCATTCATTTAACACTCTCAGTG 711  
 Qy 679 AGGGTCATGAAA-----GGACAAAATCTCACATG 1038  
 Db 979 CATAATATGATAAAGCAAGGCCGGGAGGCCAATCTTGTGACAAACTCACACATGC  
 Qy 712 CCACGGACACCCCTCATGATCTCCGGACCCCTGAGCTCATCGTCTCTTCCCCAAA 771  
 Db 1039 CCACCTGTCCTGACCCCTGAGCTCCGGACCCCTGAGCTCATCGTCTCTTCCCCAAA 1098

Qy 772 CCCAGGACACCCCTCATGATCTCCGGACCCCTGAGCTCATCGTCTCTTCCCCAAA 831  
 Db 1099 CCCAGGACACCCCTGAGCTCCGGACCCCTGAGCTCATCGTCTCTTCCCCAAA 1158

Qy 832 AGCCAGAAAGACCTGAGTCAGTCACCTGAACTGAGGGTGAAGGGTCATAAT 891  
 Db 1159 AGCCAGAAAGACCTGAGTCAGTCACCTGAACTGAGGGTGAAGGGTCATAAT 1218

Qy 892 GCCAGACAAAGCCGGGGAGGAGGAGTACACAGCACGTCACCTGCTGCTGAGGTCCTC 951  
 Db 1219 GCCAGACAAAGCCGGGGAGGAGTACACAGCACGTCACCTGCTGCTGAGGTCCTC 1278

952	ACCGCTCTCACCAGGAACTGGCTGAAATGCCAAGGGTACAAGTGCAAGTCTCCAAACAAA	1011
1279	ACCGCTCTGCACTGGACTGGTGTAAATGCCAAGGGTACAAGTGCAAGTCTCCAAACAAA	1338
1012	GCCCTCCAGGCCCATGGAGAAACCATCTCCAAAGCCAAGGGCAGGCCGAGACCA	1071
1339	GCCCTCCAGGCCCATGGAGAAACCATCTCCAAAGCCAAGGGCAGGCCGAGACCA	1398
1072	CAGGTGTACCTTGCCGCCATCCGGATGAGCTGACAGCTGAGCTGAGCTGACCG	1131
1399	CAGGTGTACCTTGCCGCCATCCGGATGAGCTGACAGCTGAGCTGACCG	1458
1132	TGGCTGCTCAAGGCTCTCATCCAGGAAATCGCGTGAGTGAGCAAGGAAATGGCAG	1191
1459	TGGCTGCTCAAGGCTCTCATCCAGGAAATCGCGTGAGTGAGCAAGGAAATGGCAG	1518
1192	CCGGAGACAACTACAAGAACCAAGCTCCGGCTCCGGACTCCACGGCTCTCTCTC	1251
1519	CCGGAGACAACTACAAGAACCAAGCTCCGGCTCCGGACTCCACGGCTCTCTC	1578
1252	TAGCAAGGTCTCCCTGGACAAGGACGGTGGCAAGCGGGAAACGCTCTCTCTCC	1311
1579	TAGCAAGGTCTCCCTGGCAAGGGCAAGGCAAGTGGCAAGGGAAACGCTCTCTCC	1638
1312	GTGATGCTGGGTCTGCAAAACCACTACAGCAAGAGGCTCTCCGGTCTCCGGT	1371
1639	GTGATGCTGGGTCTGCAAAACCACTACAGCAAGAGGCTCTCCGGTCTCCGGT	1698
1372	AAATGA 1377	
1699	AAATGA 1704	

ULT 9  
08-227-496C-14  
Sequence 14, Application US/08227496C  
atent No. 613002  
GENERAL INFORMATION:  
APPLICANT: Greve, Jeffrey M.  
APPLICANT: McCullard, Alan  
TITLE OF INVENTION: Multimeric Form  
TITLE OF INVENTION: Rhinovirus Rec  
NUMBER OF SEQUENCES: 20  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Bayer Corporation  
STREET: 400 Morgan Lane  
CITY: West Haven  
STATE: Connecticut  
COUNTRY: USA  
ZIP: 06511  
COMPUTER READABLE FORM:  
MEDIUM TYPE: diskette, 1.44 Mb 8/  
COMPUTER: Dell OptiPlex GX1  
OPERATING SYSTEM: Windows 95  
SOFTWARE: WordPerfect 8.0 for Win  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/227,496  
FILING DATE: 04/14/94  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/903,069  
FILING DATE: 06/22/92  
APPLICATION NUMBER: 07/704,984  
FILING DATE: 05/24/91  
APPLICATION NUMBER: 07/556,238  
FILING DATE: 07/20/90  
ATTORNEY/AGENT INFORMATION:  
NAME: Barbara A. Shimel  
REGISTRATION NUMBER: 29,862  
REFERENCE/DOCKET NUMBER: MTI 214.  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (203) 812-2786

```

TELEFAX: (203) 812-5492
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 2043 bp
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic
HYPOTHETICAL: no
ANTI-SENSE: no
FEATURE: NAME/KEY: TICAM(453)/IGG f
OTHER INFORMATION: bp 1-13
OTHER INFORMATION: for ami
OTHER INFORMATION: 2040 =
OTHER INFORMATION: 216-442
OTHER INFORMATION: stop co
US-08-227-196C-14

Query Match          49.8%
Best Local Similarity 95.9%
Matches 704; Conservative 0
Qy   644 GGGGGTGTGACCAAGAGAG
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Db   1310 GCGAGGTCACCGGCAAGCTG
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Qy   704 ACACATGCGCCACCGTGCACCA
      ||||| ||||| ||||| ||||| |
Db   1370 ACACATGCGCCACCGTGCACCA
      ||||| ||||| ||||| ||||| |
Qy   764 CCCCAAACCCAAAGGACACCC
      ||||| ||||| ||||| ||||| |
Db   1430 CCCCAAACCCAAAGGACACCC
      ||||| ||||| ||||| ||||| |
Qy   824 TGGACCTGGCCAGGAGACCC
      ||||| ||||| ||||| ||||| |
Db   1490 TGGACCTGGCCAGGAGACCC
      ||||| ||||| ||||| ||||| |
Qy   884 TGGATATGGCAAGACAAGG
      ||||| ||||| ||||| ||||| |
Db   1550 TGCATAATGCCAAGACAAGGCC
      ||||| ||||| ||||| ||||| |
Qy   944 CGGTCTCACCGTCTGACACCC
      ||||| ||||| ||||| ||||| |
Db   1610 CGGTCTCACCGTCTGACACCC
      ||||| ||||| ||||| ||||| |
Qy   1004 CCAACAAAGGCCCTCCAGCCCC
      ||||| ||||| ||||| ||||| |
Db   1670 CCAACAAAGGCCCTCCAGCCCC
      ||||| ||||| ||||| ||||| |
Qy   1064 GAGAACACAGGTGTACACCC
      ||||| ||||| ||||| ||||| |
Db   1730 GAGAACACAGGTGTACACCC
      ||||| ||||| ||||| ||||| |
Qy   1124 GCGCTAACCTGCTGGTCAAG
      ||||| ||||| ||||| ||||| |
Db   1790 GCGCTAACCTGCTGGTCAAG
      ||||| ||||| ||||| ||||| |
Qy   1184 ATGGGCAAGGGAGAACACT
      ||||| ||||| ||||| ||||| |
Db   1850 ATGGGCAAGGGAGAACACT
      ||||| ||||| ||||| ||||| |
Qy   1244 TCTTCTCTAACAGGAGCTCA
      ||||| ||||| ||||| ||||| |
Db   1910 TCTTCTCTAACAGGAGCTCA
      ||||| ||||| ||||| ||||| |
Qy   1304 CAGCTCCGTGATGATGAGG
      ||||| ||||| ||||| ||||| |
DDB 1970 CATGGTCCGTGATGATGAGG
      ||||| ||||| ||||| ||||| |
Qy   1364 CTCCGGTAAATAGAATGA 1377
      ||||| ||||| ||||| ||||| |

```

RESULT 10  
 US-09-023-655-1223  
 Sequence 1223, Application US/09023655  
 Patent No. 6607879  
 GENERAL INFORMATION:  
 APPLICANT: Cocks, Benjamin G.  
 APPLICANT: Susan G. Stuart  
 APPLICANT: Jeffrey J. Seilhamer  
 TITLE OF INVENTION: SEILHAMER  
 TITLE OF INVENTION: THE DETECTION OF BLOOD CELL GENE  
 TITLE OF INVENTION: EXPRESSION  
 NUMBER OF SEQUENCES: 1508  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: INCYTE PHARMACEUTICALS, INC.  
 STREET: 3174 PORTER DRIVE  
 CITY: PALO ALTO  
 STATE: CALIFORNIA  
 COUNTRY: USA  
 ZIP: 94304  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/023, 655  
 FILING DATE: HEREWITH  
 CLASSIFICATION:  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER:  
 FILING DATE:  
 CLASSIFICATION:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Zeller, Karen J.  
 REGISTRATION NUMBER: 37, 071  
 REFERENCE/DOCKET NUMBER: PA-0001 US  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (650) 855-0555  
 TELEFAX: (650) 855-4166  
 INFORMATION FOR SEQ ID NO: 1223:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 705 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 IMMEDIATE SOURCE:  
 LIBRARY: GENBANK  
 CLONE: 9243865  
 US-09-023-655-1223

Query Match Score 49.7%; Score 684; DB 4; Length 705;  
 Best Local Similarity 100.0%; Pred. No. 3.4e-173;  
 Matches 684; Conservative 0; Mismatches 0; Gaps 0;  
 Indels 0;

Qy 694 GACAAAACATCACATGCCAACCGTGCAGCACCTGAACCTCTGGGGACCGTAGTC 753  
 Db 5 GACAAAACATCACATGCCAACCGTGCAGCACCTGAACCTCTGGGGACCGTAGTC 64  
 Qy 754 TTCTCTTCCCCCAAAACCCAAAGGACACCCCTCATGATCTCCGGACCCCTGAGGTACA 813  
 Db 65 TTCTCTTCCCCCAAAACCCAAAGGACACCCCTCATGATCTCCGGACCCCTGAGGTACA 124  
 Qy 814 TGGTGGTGGTGGACGAGACCTGAGACTCTGAGTCAACTGTAGCTGGAC 873  
 Db 125 TGGTGGTGGTGGACGAGACCTGAGACTCTGAGTCAACTGTAGCTGGAC 184  
 Qy 874 GGCCTGGAGGTGATAATGCCAGACAAAGCCGGAGGACGATACAAAGCAGTAC 933  
 Db 185 GGGTGGGGTGTGATAATGCCAGACAAAGCCGGAGGACGATACAAAGCAGTAC 244  
 Qy 934 CGTGTGGTCAAGGCTCTGACCCGTCTGACCCGACTGCTGAATGCCAGGATACAAG 993

RESULT 11  
 US-09-178-869-1  
 Sequence 1, Application US/09178869B  
 Patent No. 619794  
 GENERAL INFORMATION:  
 APPLICANT: Tao, Weng  
 APPLICANT: Wong, Shou  
 APPLICANT: Hickey, William F.  
 APPLICANT: Hammang, Joseph P.  
 APPLICANT: Becte, E. Edward  
 TITLE OF INVENTION: CELL SURFACE-INDUCED MACROPHAGE ACTIVATION  
 CURRENT APPLICATION NUMBER: US/09/178, 869B  
 CURRENT FILING DATE: 1998-10-26  
 NUMBER OF SEQ ID NOS: 14  
 SOFTWARE: PatentIn Ver. 2.0  
 SEQ ID NO 1  
 LENGTH: 1019  
 TYPE: DNA  
 ORGANISM: Homo sapiens  
 FEATURE:  
 NAME/KEY: gene  
 LOCATION: (...)  
 OTHER INFORMATION: Description of Sequence: Recombinant  
 OTHER INFORMATION: Polynucleotide  
 NAME/KEY: CDS  
 LOCATION: (16) . (1008)  
 US-09-178-869-1

Query Match Score 49.7%; Score 684; DB 3; Length 1019;  
 Best Local Similarity 100.0%; Pred. No. 4e-173;  
 Matches 684; Conservative 0; Mismatches 0; Gaps 0;

Qy 694 GACAAAACATCACATGCCAACCGTGCAGCACCTGAACCTCTGGGGACCGTAGTC 753  
 Db 328 GACAAAACATCACATGCCAACCGTGCAGCACCTGAACCTCTGGGGACCGTAGTC 387  
 Qy 754 TTCTCTTCCCCCAAAACCCAAAGGACACCCCTCATGATCTCCGGACCCCTGAGGTACA 813  
 Db 388 TTCTCTTCCCCCAAAACCCAAAGGACACCCCTCATGATCTCCGGACCCCTGAGGTACA 447

Qy 814 TGCCTGGCTGGAGCTGGAGCTGGAGCTGGAGGAGACCCCTGAGGTCAGTGTGAC 873  
 Db 448 TGCCTGGCTGGAGCTGGAGCTGGAGGAGACCCCTGAGGTCAGTGTGAC 507  
 Qy 874 GGCCTGGAGGTGCTGATAATGCCAGAGAAAGCCTGGAGCTGGAGCTGGAGCTAC 933  
 Db 508 GGCCTGGAGGTGCTGATAATGCCAGAGAAAGCCTGGAGCTGGAGCTAC 567  
 Qy 934 CGTGTGGTAGCTCTCCACCCCTCTGCAACAGGACTGGGTGATGGAGGAGTAAAG 993  
 Db 568 CGTGTGGTAGCTCTCCACCCCTCTGCAACAGGACTGGGTGATGGAGGAGTAAAG 627  
 Qy 994 TGCAGGGCTCCAAACAAAGGCTTCCAGGCCCATCGAAAAACCATTCTCAGGCAA 1053  
 Db 628 TGCAGGGCTCCAAACAAAGGCTTCCAGGCCCATCGAAAAACCATTCTCAGGCAA 687  
 Qy 1054 GGGAGGCCGAGAAACCAAGCTGTACACCCCTGCCCATTCAGGCCCATCGAAAG 1113  
 Db 688 GGGAGGCCGAGAAACCAAGCTGTACACCCCTGCCCATTCAGGCCCATCGAAAG 747  
 Qy 1114 AACAGGTCAAGCTGCTGACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1173  
 Db 748 AACAGGTCAAGCTGCTGACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 807  
 Qy 1174 TGGGAGGCAANGGGCAACCTGGAGAACAACTACAGACCAACCTGGCTGGACTCC 1233  
 Db 808 TGGGAGGCAATGGGAGGAGAACAACTACAGACCAACCTGGCTGGACTCC 867  
 Qy 1234 GAGGGCT 1293  
 Db 868 GAGGGCT 927  
 Qy 1294 AACGCTCTCTCTCTGCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1353  
 Db 928 AACGCTCTCTCTGCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 987  
 Qy 1354 CTCCTCTGCTCTGGGTAAATGA 1377  
 Db 988 CTCCTCTGCTCTGGGTAAATGA 1011

RESULT 12  
 US-09-761-413-1  
 / Sequence 1, Application US/09761413  
 / Patent No. 6506891  
 / GENERAL INFORMATION:  
 / APPLICANT: Tao, Weng  
 / APPLICANT: Wong, Shou  
 / APPLICANT: Hickey, William F.  
 / APPLICANT: Hammang, Edward  
 / APPLICANT: Baetke, E. Joseph P.  
 / TITLE OF INVENTION: CELL SURFACE-INDUCED MACROPHAGE ACTIVATION  
 / FILE REFERENCE: 17810-043  
 / CURRENT APPLICATION NUMBER: US/09/761,413  
 / CURRENT FILING DATE: 2001-01-16  
 / PRIOR APPLICATION NUMBER: US/09/761413  
 / PRIOR FILING DATE: 1998-10-26  
 / NUMBER OF SEQ ID NOS: 14  
 / SOFTWARE: PatentIn Ver. 2.0  
 / SEQ ID NO 1  
 / LENGTH: 1019

TYPE: DNA  
 ORGANISM: Homo sapiens  
 FEATURE: gene  
 LOCATION: (1..)  
 OTHER INFORMATION: Description of Sequence: Recombinant

NAME/KEY: gene

NAME/KEY: CDS

LOCATION: (16)..(1008)

US-09-761-413-1

RESULT 13  
 US-09-180-100-18  
 / Sequence 18, Application US/09180100  
 / Patent No. 636395  
 / GENERAL INFORMATION:  
 / APPLICANT: NAKAMURA, No. 630639510  
 / APPLICANT: NAGATA, Shigekazu  
 / TITLE OF INVENTION: NOVEL Fas ANTIGEN DERIVATIVE  
 / FILE REFERENCE: 110-207P  
 / CURRENT APPLICATION NUMBER: US/09/180,100  
 / CURRENT FILING DATE: 1998-11-02  
 / EARLIER APPLICATION NUMBER: PCT/JP97/01502  
 / EARLIER FILING DATE: 1997-05-01  
 / NUMBER OF SEQ ID NOS: 25  
 / SOFTWARE: PatentIn Ver. 2.0  
 / SEQ ID NO 18  
 / LENGTH: 1182  
 / TYPE: DNA  
 / ORGANISM: Homo sapiens  
 US-09-180-100-18

Query Match Score 684; DB 3; Length 1182;  
 Best Local Similarity 100.0%; Pred. No. 4.2e-17;  
 Matches 684; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 694 GACAAACTCACATGCCAACCGTCCCCAGCACCTGAACTCTGGGGGACCGTCAGNC 753  
 Db 483 GACAAACTCACATGCCAACCGTCCCCAGCACCTGAACTCTGGGGACCGTCAGTC 542

Qy 754 TTCCMCTTCCCCAAAACCAAGAACACCTCTAGATCTCCGACCCCTGAGGTCAAC 813  
 Db 543 TTCCMCTTCCCCAAAACCAAGAACACCTCTAGATCTCCGACCCCTGAGTCAC 602

Qy 814 TCGTGTGGTGGACTGAGCTGACCTGAGTCACTGTCACTGTGAC 873  
 Db 603 TCGTGTGGTGGACTGAGCTGACCTGAGTCACTGTGAC 662

Qy 874 GCGGTGAGGGCATAATGCCAAGAACCCGGGGAGGAGTACACAGCACGTAC 933  
 Db 663 GCGGTGAGGGCATAATGCCAAGAACCCGGGGAGGAGTACACAGCACGTAC 722

Qy 934 CGTGMGTCAGCGTCTCTCACCGTGTGACCCAGGAGGACTACAG 993  
 Db 723 CGTGTGTCAGCGTCTCTCACCGTGTGACCCAGGAGGACTACAG 782

Qy 994 TCGAAGGTCTCAAAAGGCCTCCAGGCCAAGAACCCATTCTCAAGCCAA 1053  
 Db 783 TCGAAGGTCTCAAAAGGCCTCCAGGCCAAGAACCCATTCTCAAGCCAA 842

Qy 1054 GGGCACCCCCAGAACCAAGGAGTACACCCCTGCCCATCCGGGATGAGTCACAAAG 1113  
 Db 843 GGGCACCCCCAGAACCAAGGAGTACACCCCTGCCCATCCGGGATGAGTCACAAAG 902

Qy 1114 AACCAAGGTCAGCCTGAGCTCGTCGTCAGCGACTCGCGTGGAG 1173  
 Db 903 AACCAAGGTCAGCCTGAGCTCGTCGTCAGCGACTCGCGTGGAG 962

Qy 1174 TGGGAGAGCATGGGAGCCGGAGAACATAAGAACAGAACAGAAC 1233  
 Db 963 TGGGAGAGCATGGGAGCCGGAGAACATAAGAACAGAACAGAAC 1022

Qy 1234 GACGGCTCTCTCTCTACAGAAGACTACGGCTCTCGCAAGGG 1293  
 Db 1023 GACGGCTCTCTCTCTACAGAAGACTACGGCTCTCGCAAGGG 1082

Qy 1294 AACGTCCTCTCATGCAAGGAGCTCGTCGCAACCACTACGGCAAGAC 1353  
 Db 1083 AACGTCCTCTCATGCAAGGAGCTCGTCGCAACCACTACGGCAAGAC 1142

Qy 1354 CTCTCCCTGCTCTCGGGTAATGA 1377  
 Db 1143 CTCTCCCTGCTCTCGGGTAATGA 1166

RESULT 14  
 US-08-488-376-19  
 Sequence 19, Application US/08488376  
 Patent No. 5811524  
 GENERAL INFORMATION:  
 APPLICANT: BRAMS, Peter  
 APPLICANT: CHAMAT, Soulima Salim  
 APPLICANT: PAN, Li-Zhen  
 APPLICANT: WALSH, Edward E.  
 APPLICANT: HEARD, Cheryl Jane  
 APPLICANT: NEWMAN, Roland Anthony  
 TITLE OF INVENTION: NEUTRALIZING HIGH AFFINITY HUMAN MONOCLONAL ANTIBODIES SPECIFIC TO RSV F-PROTEIN AND METHODS FOR THEIR MANUFACTURE AND THERAPEUTIC USE THEREOF  
 NUMBER OF SEQUENCES: 19  
 CORRESPONDENCE ADDRESS:  
 STREET: Burns, Doane, Swecker & Mathis  
 STREET: P.O. Box 1404  
 CITY: Alexandria

STATE: Virginia  
 COUNTRY: United States  
 ZIP: 22313-11404  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/488,376  
 FILING DATE: 07-JUN-1995  
 CLASSIFICATION: 424  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Tabkin, Robin L.  
 REGISTRATION NUMBER: 35,030  
 REFERENCE/DOCKET NUMBER: 012712-150  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (703) 836-6620  
 TELEFAX: (703) 836-2021  
 INFORMATION FOR SEQ ID NO: 19:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 1428 base pairs  
 TYPE: nucleic acid  
 STRANDBODNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)  
 FEATURE:  
 NAME/KEY: CDS  
 LOCATION: 1..1428  
 US-08-488-376-19

Query Match Score 684; DB 1; Length 1428;  
 Best Local Similarity 100.0%; Pred. No. 4.6e-173;  
 Matches 684; Conservative 0; Mi matches 0; Indels 0; Gaps 0;

Qy 694 GACAAACTCACATGCCAACCCGGCCAGTCAGTCAC 842  
 Db 745 GACAAACTCACATGCCAACCCGGCCAGTCAC 804

Qy 754 TTCCCTTCCCCAAACCAAGAACCCCTGAGTCATGATCTCCGGACCCCTGAGTCACA 813  
 Db 805 TTCCCTTCCCCAAACCAAGAACCCCTGAGTCATGATCTCCGGACCCCTGAGTCACA 864

Qy 814 TGGCTGGTGGTGGACTGAGCTGACCTGAACTCTGGGGACCTCAGTC 753  
 Db 865 TGGCTGGTGGTGGACTGAGCTGACCTGAACTCTGGGGACCTCAGTC 873

Qy 874 GCGTGGAGGTGATGAGTCATATGCCAGAACAGCGGGGAGGAGTACACAGCACGPAC 924  
 Db 925 GCGTGGAGGTGATGAGTCATATGCCAGAACAGCGGGGAGGAGTACACAGCACGPAC 933

Qy 934 CGTGGTGTAGCGCTCTCACCGTGTGACCTGAGGACTACAG 993  
 Db 985 CGTGGTGTAGCGCTCTCACCGTGTGACCTGAGGACTACAG 1044

Qy 994 TGCAGGGTCTCCAAAGGAAACCATCTCCAGGCCCATGAGAAAAGGCCAAA 1053  
 Db 1045 TGCAGGGTCTCCAAAGGAAACCATCTCCAGGCCCATGAGAAAAGGCCAAA 1104

Qy 1054 GGGAGCCCCGAGAACCAAGGTGACCCCTGCCCATCCGGATAGCTAACAG 1113  
 Db 1105 GGGAGCCCCGAGAACCAAGGTGACCCCTGCCCATCCGGATAGCTAACAG 1164

Qy 1114 AACCGGGTCTCCAGGCTCTGACCCCTGCCCATCCGGATAGCTAACAG 1173  
 Db 1165 AACCGGGTCTCCAGGCTCTGACCCCTGCCCATCCGGATAGCTAACAG 1224

Qy 1174 TGGGAGGATGGGAGGAACTACAGAACCCGGCTCCCTGCGGACTCC 1233  
 Db 1225 TGGGAGGATGGGAGGAACTACAGAACCCGGCTCCCTGCGGACTCC 1284

Qy 1234 GACGGCTCTCTCATGCAAGGAGCTCGTCGCAACCACTACGGCAAGAC 1293

Db 1285 GACGGCTCCCTCTCTACAGCAAGCTAACCGTGGACAAAGGGAGGTGGCAAGGG 1344  
 Qy 1294 AACGCTCTTCATCTCGTGTGATGAGCTGAGGCTCTGCACACCACTAACCGCAAGAGC 1353  
 Db 1345 AACGCTCTTCATCTCGTGTGATGAGCTGAGGCTCTGCACACCACTAACCGCAAGAGC 1404  
 Qy 1354 CTCGCCCTCTCGGGTAATGA 1377  
 Db 1405 CTCTCCCTCTCGGGTAATGA 1428

RESULT 15  
 US-08-634-223-19  
 Sequence 19, Application US/08634223  
 GENERAL INFORMATION:  
 / APPLICANT: BRANS, Peter  
 / APPLICANT: CHAMAT, Soulaima Salim  
 / APPLICANT: PAN, Li-Zhen  
 / APPLICANT: WALSH, Edward E.  
 / APPLICANT: HEARD, Cheryl Janne  
 / APPLICANT: NEWMAN, Roland Anthony  
 TITLE OF INVENTION: NEUTRALIZING HIGH AFFINITY HUMAN  
 MONOCLOINAL ANTIBOIES SPECIFIC TO RSV F-PROTEIN AND  
 TITLE OF INVENTION: METHODS FOR THEIR MANUFACTURE AND THERAPEUTIC USE THEREOF  
 NUMBER OF SEQUENCES: 19  
 ADDRESSEE: Burns, Doane, Swecker & Mathis  
 STREET: P.O. Box 1404  
 CITY: Alexandria  
 STATE: Virginia  
 COUNTRY: United States  
 ZIP: 22313-1404  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/634,223  
 FILING DATE:  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US/08/488,376  
 FILING DATE: 07-JUN-1995  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Tesskin, Robin L.  
 REGISTRATION NUMBER: 35,030  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (703) 836-6620  
 TELEFAX: (703) 836-2021  
 INFORMATION FOR SEQ ID NO: 19:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 1428 base Pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)  
 FEATURE:  
 NAME/KEY: CDS  
 LOCATION: 1..1428

US-08-634-223-19

Query Match Similarity 49.7%; Score 684; DB 2; Length 1428;  
 Best Local Similarity 100.0%; Pred. No. 4.6e-173; Mismatches 0; Indels 0; Gaps 0;  
 Matches 684; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 694 GACAAGAACTCACACATGCCCCCTGCCGACACTGACTCTGGGGAAACCGTCAGTC 753  
 Db 745 GACAAGAACTCACACATGCCCCCTGCCGACACTGACTCTGGGGAAACCGTCAGTC 804  
 Qy 754 TTCCCTCTCCCCAAAACCAAGAACCTCATGATCTCCGGACCCCTGAGGTCA 813



1	ATGGTCAGTCACTGGAACCCGGTCTGGTACCGTAAACCTTCTGAGATGAACTGAAATTC	60
61	ACGATCTAGTTCCGGAAAGTGTAACTCCGTAACCTTCTGAGATGAACTGAAATTC	120
61	ACGATCTAGTTCCGGAAAGTGTAACTCCGTAACCTTCTGAGATGAACTGAAATTC	120
121	CCGAAATTACATGACTGAGGAGGGCTGGCTCATTCCTGCCGGTACAGTCCTCTCTC	180
121	CCGAAATTACATGACTGAGGAGGGCTGGCTCATTCCTGCCGGTACAGTCCTCTC	180
181	CCTACATGACTTTAAAGCTTCCACTGACATCCATATGCACTGAACTGAAATA	300
181	CCTACATGACTTTAAAGCTTCCACTGACATCCATATGCACTGAACTGAAATA	300
241	CGCATTAATCTGGGAGCTGAAAGGGTCATCATATGCACTGAACTGAAATA	420
241	CGCATTAATCTGGGAGCTGAAAGGGTCATCATATGCACTGAACTGAAATA	420
301	GGGTCTGACCTGGAACAGTCATGGCAATGCACTGAACTGAAACTATCTCACA	360
301	GGGTCTGACCTGGAACAGTCATGGCAATGCACTGAACTGAAACTATCTCACA	360
361	CATGCCAACACATACATCATATGATGTTCTGAGTCGGCTTCATGGAATGAACTA	420
361	CATGCCAACACATACATCATATGATGTTCTGAGTCGGCTTCATGGAATGAACTA	420
421	TCTGTTGAAAGCTGTCTTAATGTCAGCAGAACTGAACTAAATGGGGATT	480
421	TCTGTTGAAAGCTGTCTTAATGTCAGCAGAACTGAACTAAATGGGGATT	480
481	GACTCAACTGGGATAACCTCTTCGAAGCZTCACTAGAAACCTGTAACCGAGAC	540
481	GACTCAACTGGGATAACCTCTTCGAAGCZTCACTAGAAACCTGTAACCGAGAC	540
541	CTAAACCAGTCTGGGAGTGGATGAGAAATTGGACCTTAACTATAGATGT	600
541	CTAAACCAGTCTGGGAGTGGATGAGAAATTGGACCTTAACTATAGATGT	600
601	GTAACCGGAGTGGACCAAGGATGTCACCTCTGAGCATCTGAGCCTTAACCTA	660
601	GTAACCGGAGTGGACCAAGGATGTCACCTCTGAGCATCTGAGCCTTAACCTA	660
661	AGAACGACATTGTCAGGTCTGAGTAAAGGAAACCTCAATGCCAACCTGTC	720
661	AGAACGACATTGTCAGGTCTGAGTAAAGGAAACCTCAATGCCAACCTGTC	720
721	TCAGCACCTGACCTCCGGGACCGCTCACTCTCTCCCTGAGTAAACCTGAC	780
721	TCAGCACCTGACCTCCGGGACCGCTCACTCTCTCCCTGAGTAAACCTGAC	780
781	ACCCCTCATGATCTCCGEACCCCTGAGTCACATGGGTGACTCTGAGCCAGAA	840
781	ACCCCTCATGATCTCCGGACCCCTGAGTCACATGGGTGACTCTGAGCCAGAA	840
841	GACCTGAGTCAGTCACTGTAATGGCAAGGAGTCAAGTGTCAATGCAAGACA	900
841	GACCTGAGTCAGTCACTGTAATGGCAAGGAGTCAAGTGTCAATGCAAGACA	900
961	ACCGGACTGGCTGAAACCATCTCAAGCCAAAGGCCAGGAACTGGCTTCCA	1020
961	ACCGGACTGGCTGAAACCATCTCAAGCCAAAGGCCAGGAACTGGCTTCCA	1020
1021	GCCCCATGAGAAACCATCTCAAGCCAAAGGCCAGGAACTGGCTTCCA	1080
1021	GCCCCATGAGAAACCATCTCAAGCCAAAGGCCAGGAACTGGCTTCCA	1080
1081	ACCTCTGCCCCATCCGGGATGAGTCACCTCCGGGATGAGTCACCTGCTGTC	1140
1081	ACCTCTGCCCCATCCGGGATGAGTCACCTCCGGGATGAGTCACCTGCTGTC	1140



RESULT 4  
 3-10-830-902-1  
 Sequence 1, Application US/10830902  
 Publication No. US20050004027A1  
 GENERAL INFORMATION:  
 APPLICANT: Stanley Transplant  
 APPLICANT: Jingta Cao  
 APPLICANT: Claus Cursiefen  
 TITLE OF INVENTION: Method of Treating Corneal Transplant  
 TITLE OF INVENTION: Rejection  
 FILE REFERENCE: REG 713B  
 CURRENT APPLICATION NUMBER: US/10/830,902  
 CURRENT FILING DATE: 2004-04-23  
 NUMBER OF SEQ ID NOS: 2  
 SOFTWARE: FastSEQ for Windows Version 4.0  
 SEQ ID NO 1  
 LENGTH: 1377  
 TYPE: DNA  
 ORGANISM: homo sapiens  
 3-10-830-902-1

Query Match	Score 1377;	DB 22;	Length
Best Local Similarity	100.0%	Pred. No. 0;	
Matches 1377;	Conservative 0;	Mismatches 0;	Indel
1 ATGGTCACTACTGGGACACCGGGCTCTGCTGCGCTGCTCA			
1 ATGGTAGCTCTGGACACCGGGCTCTGCTGCGCTGCTCA			
1 ATGGTAGCTCTGGACACCGGGCTCTGCTGCGCTGCTCA			

Qy	61	ACAGGATCTAGTCCCGAACTGATACCGGTAGACCTTCGAGATGTACAGTGAATC	120
Db	61	ACAGGATCTAGTCCCGAACTGATACCGGTAGACCTTCGAGATGTACAGTGAATC	120
Qy	121	CCCGAATTATACACATGTAGTGAAGGAAAGGTGCTATCCCTGGGGTTACGTCA	180
Db	121	CCCGAATTATACACATGTAGTGAAGGAAAGGTGCTATCCCTGGGGTTACGTCA	180
Qy	181	CCTAACATCAGCTGTTACCTTTAACGGTACCTTGTACACTTGATCCCTGATGGAAA	240
Db	181	CCTAACATCAGCTGTTACCTTTAACGGTACCTTGTACACTTGATCCCTGATGGAAA	240
Qy	241	GGCTATCTGACCTGTAAAGCAACACTCAATGGGATTTGTATAGCAAACTATCTCACA	300
Db	241	GGCTATCTGACCTGTAAAGCAACACTCAATGGGATTTGTATAGCAAACTATCTCACA	300
Qy	301	CATGCAAACCAATACTAACATAGATGGGTTCTGATCGTCAATCTGAACTTGTAAAG	360
Db	301	CATGCAAACCAATACTAACATAGATGGGTTCTGATCGTCAATCTGAACTTGTAAAG	360
Qy	361	TCTGTGGAAACCTCTTGTGAGCTGAACTTGTAAAGGAAACTTGTAAACCGAGAC	420
Db	361	TCTGTGGAAACCTCTTGTGAGCTGAACTTGTAAAGGAAACTTGTAAACCGAGAC	420
Qy	421	TCTGTGGAAACCTCTTGTGAGCTGAACTTGTAAAGGAAACTTGTAAACCGAGAC	480
Db	421	TCTGTGGAAACCTCTTGTGAGCTGAACTTGTAAAGGAAACTTGTAAACCGAGAC	480
Qy	481	GACTTCACTGGAAATACCCCTCTGAAAGCTACAGATAAGAAAACTTGTAAACCGAGAC	540
Db	481	GACTTCACTGGAAATACCCCTCTGAAAGCTACAGATAAGAAAACTTGTAAACCGAGAC	540
Qy	541	CTAAACCAACCGAGTCTGGGACTGAGTGGAAATTCTGAGACCTTAACTATAGATGTT	600
Db	541	CTAAACCAACCGAGTCTGGGACTGAGTGGAAATTCTGAGACCTTAACTATAGATGTT	600
Qy	601	GTAACCCGGAGTGACCAAGGATTGTAACCTGTGAGCATCCAGTGGCTGTAGCAGAAC	660
Db	601	GTAACCCGGAGTGACCAAGGATTGTAACCTGTGAGCATCCAGTGGCTGTAGCAGAAC	660
Qy	661	AGAACAGCACATTGTCAGGTCCATGAAAGGACAAACCTCACATGCCACCGTGC	720
Db	661	AGAACAGCACATTGTCAGGTCCATGAAAGGACAAACCTCACATGCCACCGTGC	720
Qy	721	CCAGCCATCTGAAACTCTGGGGGGACCGTCAGTCAGTCCTTCCCCCAAACCCAAAGGAC	780
Db	721	CCAGCCATCTGAAACTCTGGGGGGACCGTCAGTCCTTCCCCCAAACCCAAAGGAC	780
Qy	781	ACCCCTATGATCTCCGGACCCCTGAGGTACATGCTGGCTGGTGAACGCCACCAA	840
Db	781	ACCCCTATGATCTCCGGACCCCTGAGGTACATGCTGGCTGGTGAACGCCACCAA	840
Qy	841	GACCCCTGAGGTCAACTTCAACTCTGGTACAGCTGGCTGGTGAACGCCACCAA	900
Db	841	GACCCCTGAGGTCAACTTCAACTCTGGTACAGCTGGCTGGTGAACGCCACCAA	900
Qy	901	AGGCCCTGGAGGGAGCACTAACAGCTGGTACAGCTGGTGAACGCCACCAA	960
Db	901	AGGCCCTGGAGGGAGCACTAACAGCTGGTACAGCTGGTGAACGCCACCAA	960
Qy	961	CACCCAGACTTGGCTCAATGGCAAGGGTACAAGTGGCTCCAAACAAAGGTC	1020
Db	961	CACCCAGACTTGGCTCAATGGCAAGGGTACAAGTGGCTCCAAACAAAGGTC	1020
Qy	1021	GCCCCATCTGAAACCACTCTGAAAGGAACTGGTCAAGTGGCTCCAAACAAAGGTC	1080
Db	1021	GCCCCATCTGAAACCACTCTGAAAGGAACTGGTCAAGTGGCTCCAAACAAAGGTC	1080
Qy	1081	ACCCCTGGCCCATGGGATGAGTGGTACAGCTGGTCAAGTGGCTCCAAACAAAGGTC	1140
Db	1081	ACCCCTGGCCCATGGGATGAGTGGTACAGCTGGTCAAGTGGCTCCAAACAAAGGTC	1140

Qy	1141	AAAGGTTCTPATCCGGAGATCGCGTGTGGAGGACCAATGGAGCGAAC	1200	Db	421	TCTGTGAGAAAGCTGTCTAAATTGTACGAAAGACTGACATAATGTGGGATT	480
Db	1141	AAAGGTTCTPATCCGGAGATCGCGTGTGGAGGACCAATGGAGCGAAC	1200	Qy	481	GACTTCACTGGAAATTACCCCTCTCGAGGATCAGCATTAAGAACCTGTAAACCGAGAC	540
Qy	1201	AACACTAACGGACCACCGCTCCGGTGTGGAACTCGCGTGTGGAGGAC	1260	Db	481	GACTTCACTGGAAATTACCCCTCTCGAGGATCAGCATTAAGAACCTGTAAACCGAGAC	540
Db	1201	AACACTAACGGACCACCGCTCCGGTGTGGAACTCGCGTGTGGAGGAC	1260	Qy	541	CTAAAAACCCAGTCTGGAGTGTAGAGAAATTGGCACCCTAACTATAGATGGT	600
Qy	1261	CTCACCGTGGACAAGGGAGGTGGCAGCAGGGAAAGTCATGCTCGTGATGCAT	1320	Db	541	CTAAAAACCCAGTCTGGAGTGTAGAGAAATTGGCACCCTAACTATAGATGGT	600
Db	1261	CTCACCGTGGACAAGGGAGGTGGCAGCAGGGAAAGTCATGCTCGTGATGCAT	1320	Qy	601	CTAACCCGGAGTGACCAAGGATTGACACCTGTGACATCCAGTGGGTGATGCCAAAG	660
Qy	1321	GAGGCTCTGGACAACCACTAACGGCAGAAAGGAGCCTTCGCGTGTGGAAATGA	1377	Db	601	CTAACCCGGAGTGACCAAGGATTGACACCTGTGACATCCAGTGGGTGATGCCAAAG	660
Db	1321	GAGGCTCTGGACAACCACTAACGGCAGAAAGGAGCCTTCGCGTGTGGAAATGA	1377	Qy	661	AAGAACAGCACACATTGCTAGGGTCACTGAAAGGACAAACACTCAGTCCCACCGTGC	720
Db	661	AAGAACAGCACACATTGCTAGGGTCACTGAAAGGACAAACACTCAGTCCCACCGTGC	720	Db	721	CCAGCACCTGAACTCTCGGGGACCGTCAGTCAGTCCTTCCCTCCAAACCCMAGGAC	780
Qy	721	ACCCCTCATGATCTCCGGACCCCTGAGETCACATGCGTGTGGAGCTGAGCCACGAA	840	Db	721	CCAGCACCTGAACTCTCGGGGACCGTCAGTCCTTCCCTCCAAACCCMAGGAC	780
Qy	781	ACCCCTCATGATCTCCGGACCCCTGAGETCACATGCGTGTGGAGCTGAGCCACGAA	840	Db	781	ACCCCTGAGGTCAAGTTCACTGTACCTGAGGGTCACTGTACCTGAGGTCATAATGCCAGACA	900
Qy	841	ACCCCTGAGGTCAAGTTCACTGTACCTGAGGGTCACTGTACCTGAGGTCATAATGCCAGACA	900	Db	841	ACCCCTGAGGTCAAGTTCACTGTACCTGAGGGTCACTGTACCTGAGGTCATAATGCCAGACA	900
Qy	901	AAGCCGGGGGAGGGAGGTGAGTACAACAGCACTACCCGTCCTCACCGTCTG	960	Db	901	AAGCCGGGGGAGGGAGGTGAGTACAACAGCACTACCCGTCCTCACCGTCTG	960
Db	961	CACCAAGGACTGGCTGAATGGCAAGGACTACAAGTGTCAAGGTACAAGTGTCAAGGCTCTCCA	1024	Qy	961	CACCAAGGACTGGCTGAATGGCAAGGACTACAAGTGTCAAGGCTCTCCA	1024
Db	961	CACCAAGGACTGGCTGAATGGCAAGGACTACAAGTGTCAAGGCTCTCCA	1024	Db	1021	GCCCCATCGAGAAACCTCTCAAGGCAAAAGGCGCCCGGAAACCCAGGTGTAC	1084
Qy	1021	GCCCCATCGAGAAACCTCTCAAGGCAAAAGGCGCCCGGAAACCCAGGTGTAC	1084	Db	1021	GCCCCATCGAGAAACCTCTCAAGGCAAAAGGCGCCCGGAAACCCAGGTGTAC	1084
Qy	1081	ACCCCTGCCCCATCCGGGATGACTGACCAAGAACCTGTGACCTGCTGAGTC	1144	Db	1081	ACCCCTGCCCCATCCGGGATGACTGACCAAGAACCTGTGACCTGCTGAGTC	1144
Qy	1141	AAAGGCTTCTATCCAGGACACATGCCCTGGAGTGGAGAGCAATGGCGAGAAC	1200	Db	1141	AAAGGCTTCTATCCAGGACACATGCCCTGGAGTGGAGAGCAATGGCGAGAAC	1200
Qy	61	ACAGGATCTAGTCCGGAAAGTGGATACCGGTTCTGGAGATGACGTGAAATC	120	Qy	1201	AACTAAAGAACAGCCCTCCGGTGGACTCCGGTGGAGTGGAGAGCAATGGCGAGAAC	1264
Db	61	ACAGGATCTAGTCCGGAAAGTGGATACCGGTTCTGGAGATGACGTGAAATC	120	Db	1201	AACTAAAGAACAGCCCTCCGGTGGACTCCGGTGGAGTGGAGAGCAATGGCGAGAAC	1264
Qy	121	CCCGAAATTATACATGACAGCTGAAAGGGAGCTCTCCCTGCGGTTACCTCA	180	Db	1261	CTCACGTGGACAGAGGAGGTGGAGTGGAGGAGCAATGGCGAGAAC	1324
Db	121	CCCGAAATTATACATGACAGCTGAAAGGGAGCTCTCCCTGCGGTTACCTCA	180	Qy	1261	CTCACGTGGACAGAGGAGGTGGAGTGGAGGAGCAATGGCGAGAAC	1324
Qy	181	CCTAACATCATCTGTTACTTTAAAGTTCCACTTGACACTTGATCTGAGGAA	240	Db	1261	CTCACGTGGACAGAGGAGGTGGAGTGGAGGAGCAATGGCGAGAAC	1324
Db	181	CCTAACATCATCTGTTACTTTAAAGTTCCACTTGACACTTGATCTGAGGAA	240	Qy	1321	GAGGTCTGACACACACTAACCGAGAAGGCTCTCCGGTAAATGA	1377
Qy	241	CGCCATAATCTGGACAGTGAAGGGCTCATCATATAATGCCAACCTGACAT	300	Db	1321	GAGGTCTGACACACACTAACCGAGAAGGCTCTCCGGTAAATGA	1377
Db	241	CGCCATAATCTGGACAGTGAAGGGCTCATCATATAATGCCAACCTGACAT	300	Qy	301	GGGCTTCTGACCTGTGAAAGCAAGCTGACATGGCATTGATAAGACAAATPCTCACA	360
Qy	301	GGGCTTCTGACCTGTGAAAGCAAGCTGACATGGCATTGATAAGACAAATPCTCACA	360	Db	301	GGGCTTCTGACCTGTGAAAGCAAGCTGACATGGCATTGATAAGACAAATPCTCACA	360
Qy	361	CATCGACAAACCAATACATCATAGATGTGGCTCTCATGGAATTGAACTA	420	Qy	361	CATCGACAAACCAATACATCATAGATGTGGCTCTCATGGAATTGAACTA	420
Db	361	CATCGACAAACCAATACATCATAGATGTGGCTCTCATGGAATTGAACTA	420	Db	361	CATCGACAAACCAATACATCATAGATGTGGCTCTCATGGAATTGAACTA	420
Qy	421	TCTGTGAGAAAAGCTTGTCTAAATGGTACAGCAAGAAACTGAACTTAAATGTGGGATT	480	Qy	421	TCTGTGAGAAAAGCTTGTCTAAATGGTACAGCAAGAAACTGAACTTAAATGTGGGATT	480

FILE REFERENCE: RGE 710D2  
 CURRENT APPLICATION NUMBER: US/10-880,021  
 CURRENT FILING DATE: 2004-06-29  
 PRIOR APPLICATION NUMBER: 10/609,775  
 PRIOR FILING DATE: 2003-06-30  
 NUMBER OF SEQ ID NOS: 29  
 SOFTWARE: FastSEQ for Windows Version 4.0  
 SEQ ID NO: 9 ;  
 LENGTH: 1377  
 TYPE: DNA  
 ORGANISM: homo sapiens  
 US-10-880-021-9

Query Match 100.0% ; Score 1377  
 Best Local Similarity 100.0% ; Pred. No. 0  
 Matches 1377 ; Conservative 0 ; Mismatch 0

Qy	Dbs
1	ATGGTCAGGTACCTCGGGACACGGGGCTCTGC 1 ATGGTCAGGTACCTGGACACGGGGCTCTGC
61	ACAGGATCTAGTTCCGGAAAGTGATACCGGTAA 61 ACAGGATCTAGTTCCGGAAAGTGATACCGGTAA
121	CCCCAAATTATACACATACGAACTGGAGGGG 121 CCCGAAATTATACACATACGAACTGGAGGGG
181	CTAACATACCTGTTACTTTAAAGTTCC 181 CTTAACATACCTGTTACTTTAAAGTTCC
241	CGGATAAATCTGGGACAGTAAAGGGCTTCAT 241 CGGATAAATCTGGGACAGTAAAGGGCTTCAT
301	GGCCTTCGACCTGTGAGGACACAGTCAAATGG 301 GGCCCTTCGACCTGTGAGGACACAGTCAAATGG
361	CATCGAAACCAATACTATCATAGATGTTG 361 CATCGAAACCAATACTATCATAGATGTTG
421	TCTGTTGAGAAAGCTTGTCTTAATTGTAC 421 TCTGTTGAGAAAGCTTGTCTTAATTGTAC
481	GACTTCAACTGGAAATACCCCTCTGGAAGCA 481 GACTTCAACTGGAAATACCCCTCTGGAAGCA
541	CTAAAACCCAGTCGGAGTGGATGAAGAA 541 CTAAAACCCAGTCGGAGTGGATGAAGAA
601	GTAACCCGGAACTGACCAAGGATGTACACCTG 601 GTAACCCGGAACTGACCAAGGATGTACACCTG
661	AAGAAAGACGACATTTCTGGGAGTGGATGAAGAA 661 AAGAAAGACGACATTTCTGGGAGTGGATGAAGAA
721	CCAGCACCTGAACTCTGGGGGACCGTCTAGT 721 CCAGCACCTGAACTCTGGGGGACCGTCTAGT
781	ACCCCTGATGTCCTGGAACTCTGGGGGACCGTCTAGT 781 ACCCCTGATGTCCTGGAACTCTGGGGGACCGTCTAGT
841	ACCCCTGATGTCCTGGGGGACCTCTGGGGGACCGTCTAGT 841 ACCCCTGATGTCCTGGGGGACCTCTGGGGGACCGTCTAGT

Qy	121	CCGAAATTATACACATGACTGAGGAAGGGACTCGCATTCCTGGGGTACGTCA	180
Db	121	CCGAAATTATACACATGACTGAGGAAGGGACTCGCATTCCTGGGGTACGTCA	180
Qy	181	CTTAACTACATCACTGTTACTTAAAAAGTTTCCACCTTGACACTTGTACCTGTATGGAAAA	240
Db	181	CTTAACTACATCACTGTTACTTAAAAAGTTTCCACCTTGACACTTGTACCTGTATGGAAAA	240
Qy	241	CGCATATACTGGGACACTGAAAGGGCTCATCATCAATCAAACTGAACTATCTCACA	300
Db	241	CGCATATACTGGGACACTGAAAGGGCTCATCATCAATCAAACTGAACTATCTCACA	300
Qy	301	GGGCTTGTGACCTGTGAGCAACAGTCAATGGCATCTATAAGACAAACATCTCACA	360
Db	301	GGGCTTGTGACCTGTGAGCAACAGTCAATGGCATCTATAAGACAAACATCTCACA	360
Qy	361	CATCGACAAACCCATAATCATATAGATGGTTGAGTCGTTCTATGAAATTGAACTA	420
Db	361	CATCGACAAACCCATAATCATATAGATGGTTGAGTCGTTCTATGAAATTGAACTA	420
Qy	421	TCTGTTGAGAAAGCTTGCTTAAATTGTACAGCAAGAACTGAAACTAAATGGGGATT	480
Db	421	TCTGTTGAGAAAGCTTGCTTAAATTGTACAGCAAGAACTGAAACTAAATGGGGATT	480
Qy	481	GACTTCACCTGGAAATAACCTTCTTGAGCATAGCATAGAAACTTGTAAACGGAGAC	540
Db	481	GACTTCACCTGGAAATAACCTTCTTGAGCATAGCATAGAAACTTGTAAACGGAGAC	540
Qy	541	CTAAAAACCCAGCTGGAGTGTGACATGAGAAATTTTGAGCACCTTAACTATAGTGGT	600
Db	541	CTAAAAACCCAGCTGGAGTGTGACATGAGAAATTTTGAGCACCTTAACTATAGTGGT	600
Qy	601	GTAACCCGGAGTCACCAAGGATGTCACCTGTGAGCATCCACTGGGTGATGACAAG	660
Db	601	GTAACCCGGAGTCACCAAGGATGTCACCTGTGAGCATCCACTGGGTGATGACAAG	660
Qy	661	AGAAACAGCACATTGTAGGGTCATGAAAGACAAACTCACACATGCCACGGAC	720
Db	661	AGAAACAGCACATTGTAGGGTCATGAAAGACAAACTCACACATGCCACGGAC	720
Qy	721	CCAGCACCTGAACCTCTGGGGGACCGTCAAGTCTTCCTCCCAAAACCCAGGAC	780
Db	721	CCAGCACCTGAACCTCTGGGGGACCGTCAAGTCTTCCTCCCAAAACCCAGGAC	780
Qy	781	ACCCCTCATGATCTCCGGACCCCTGAGGTACATGCGTGGTGGACCTGGCCAGAA	840
Db	781	ACCCCTCATGATCTCCGGACCCCTGAGGTACATGCGTGGTGGACCTGGCCAGAA	840
Qy	841	GACCCTGAGGTCAAGTCAACTGGTACATGCGTGGTGGACCTGGCCAGAA	900
Db	841	GACCCTGAGGTCAAGTCAACTGGTACATGCGTGGTGGACCTGGCCAGAA	900
Qy	901	AAGCCGGGGGAGGAGCAACTACAGACGTAACCTGGTGTGCTCACCTCTCTG	960
Db	901	AAGCCGGGGGAGGAGCAACTACAGACGTAACCTGGTGTGCTCACCTCTCTG	960
Qy	961	CACCGAGCTGGTGAATGGCAAGGATCAAGTCAACTGGTGGTGGACCTGGCCCTCCA	1020
Db	961	CACCGAGCTGGTGAATGGCAAGGATCAACTGGTGGTGGACCTGGCCCTCCA	1020
Qy	1021	GCCCCATGAGAAAACCATCTCCAGGGATGAGTCAAGTCAACTGGTGTAC	1080
Db	1021	GCCCCATGAGAAAACCATCTCCAGGGATGAGTCAAGTCAACTGGTGTAC	1080
Qy	1081	ACCCCTGGCCCATCCGGGATGAGTCAAGTCAACTGGTGTGACCTGGCTGGTC	1140
Db	1081	ACCCCTGGCCCATCCGGGATGAGTCAAGTCAACTGGTGTGACCTGGCTGGTC	1140
Qy	1141	AAAGGCTTCTATCCAGGGACATCCCGTGAATGGGAGGCAATGGGAGGAAAC	1200
Db	1141	AAAGGCTTCTATCCAGGGACATCCCGTGAATGGGAGGCAATGGGAGGAAAC	1200
Qy	1201	AACTACAGACCCAGGCTTCCCGTGTGGACTCCAGGCTCCTCTTACAGCAAG	1260

Db	4.21	TCTCTTGGAAAGAAAGCTTGTCTTAATTTGAGGAGAACTGAACATAAATGTGGGGATT	4.80
Qy	4.81	GACTTCAACTGGGATAACCTCTTCGAGATCAGATAAGAACTTGTAAACGGAGAC	5.40
Db	4.81	GACTTCAACTGGGATAACCTCTTCGAGATCAGATAAGAACTTGTAAACGGAGAC	5.40
Qy	5.41	CTAAAACCCACTCTGGGACTCTAGATGAGAATTGGACCACTTAACATAATGATGT	6.00
Db	5.41	CTAAAACCCACTCTGGGACTCTAGATGAGAATTGGACCACTTAACATAATGATGT	6.00
Qy	6.01	GTAAACCCGGAGTGAACCAAGGATTGTAACCTGTGGAGCATCCAGTCAGGCTGTGAGCATCGAGGCTGATGACCAAG	6.60
Db	6.01	GTAAACCCGGAGTGAACCAAGGATTGTAACCTGTGGAGCATCCAGTCAGGCTGTGAGCATCGAGGCTGATGACCAAG	6.60
Qy	6.61	AAGAACAGGACATTGTCTAGGGGCATGAAAGGAGAAAACCTCACACATGCCCCACCGTGC	7.20
Db	6.61	AAGAACAGGACATTGTCTAGGGTCATGAAAGGAGAAAACCTCACACATGCCCCACCGTGC	7.20
Qy	7.21	CCACACCTGAACTCTTGTGGGGACCCCTCAAGCTTCCTCTTCCTCCCTCAACCCAAAGGAC	7.80
Db	7.21	CCACACCTGAACTCTTGTGGGGACCCCTCAAGCTTCCTCTTCCTCCCTCAACCCAAAGGAC	7.80
Qy	7.81	ACCCCTATGATCTCCGACCCCTTGGGTCACTGATGCTGAGTGTGAGCTGTGACCAACAA	8.40
Db	7.81	ACCCCTATGATCTCCGACCCCTTGGGTCACTGATGCTGAGTGTGAGCTGTGACCAACAA	8.40
Qy	8.41	GACCTCTAGGTCAACTGTTGAGGTGAGGCTGTGAGGCTGATATGCAAGACA	9.00
Db	8.41	GACCTCTAGGTCAACTGTTGAGGTGAGGCTGTGAGGCTGATATGCAAGACA	9.00
Qy	9.01	AAACCGCGGGGAGGAGGAGTAAACACACCTTACGGTCAAGTGTGAGCTGTGAC	9.60
Db	9.01	AAACCGCGGGGAGGAGGAGTAAACACACCTTACGGTCAAGTGTGAGCTGTGAC	9.60
Qy	9.61	CACCAAGGACTGGCTGATGGCAAGGAGTACAAAGTCAAGTGTGAGCTGTGAC	1.020
Db	9.61	CACCAAGGACTGGCTGATGGCAAGGAGTACAAAGTCAAGTGTGAGCTGTGAC	1.020
Qy	10.21	GCCCCATCGAAAAACCATCTCCAAAGCCAAAGGCCAAAGGGCAACCCCTCCCA	1.080
Db	10.21	GCCCCATCGAAAAACCATCTCCAAAGCCAAAGGCCAAAGGGCAACCCCTCCCA	1.080
Qy	10.81	ACCTCTGCCCATCCGGGATGAGGTGACCAAGAACCTGACCTCTGGCTCTGGTC	1.140
Db	10.81	ACCTCTGCCCATCCGGGATGAGGTGACCAAGAACCTGACCTCTGGCTCTGGTC	1.140
Qy	11.41	AAAGCTTCTATCCCTCCGGATACTGGCTGAGTGGAGCATTGGAGGGAAAC	1.200
Db	11.41	AAAGCTTCTATCCCTCCGGATACTGGCTGAGTGGAGCATTGGAGGGAAAC	1.200
Qy	12.01	AACATACAGACCAAGCTCCGGTGGACTCTCCGGTGGAGCATGGGGAGAC	1.260
Db	12.01	AACATACAGACCAAGCTCCGGTGGACTCTCCGGTGGAGCATGGGGAGAC	1.260
Qy	12.61	CTCACCGTGGACAAACCACTACACCCAGAAAGCCCTCTTCTACAGGAG	1.320
Db	12.61	CTCACCGTGGACAAACCACTACACCCAGAAAGCCCTCTTCTACAGGAG	1.320
Qy	13.21	GAGGCTGTGACAAACCACTACACCCAGAAAGCCCTCTTCTACAGGAG	1.377
Db	13.21	GAGGCTGTGACAAACCACTACACCCAGAAAGCCCTCTTCTACAGGAG	1.377

; TITLE OF INVENTION: Use of a VEGF Antagonist in Combination with Radiation Therapy  
 ; FILE REFERENCE: 716B  
 ; CURRENT APPLICATION NUMBER: US/10/998,881  
 ; CURRENT FILING DATE: 2004-11-29  
 ; PRIOR APPLICATION NUMBER: 10/909,011  
 ; PRIOR FILING DATE: 2004-07-30  
 ; PRIOR APPLICATION NUMBER: 60/492,864  
 ; PRIOR FILING DATE: 2003-08-06  
 ; NUMBER OF SEQ ID NOS: 4  
 ; SOFTWARE: FastSEQ for Windows Version 4.0  
 ; SEQ ID NO 3  
 ; LENGTH: 1377  
 ; TYPE: DNA  
 ; ORGANISM: homo sapiens  
 US-10-998-881-3

Query Match					
	Best Local Similarity	Score	DB	Length	
Qy	100.0%	1377;	24;	1377;	
Db	100.0%	Pred. No. 0;	Mismatches 0;	Indels 0;	Gaps 0;
Qy	1	ATGGTCAGCTACTGGACACGGGCTCCCTGCTGCGCCCTGCTCAGCTGCTGCTCTCTC	60		
Db	1	ATGGTCAGCTCTGGACACGGGCTCCCTGCTGCGCCCTGCTCAGCTGCTGCTGCTCTC	60		
Qy	61	ACGAGATCTAGTTCCGAAGTGTACCGGTAGACCTTCTGAGATGTAAGCTGAAATC	120		
Db	61	ACGAGATCTAGTTCCGAAGTGTACCGGTAGACCTTCTGAGATGTAAGCTGAAATC	120		
Qy	121	CCGGAAATTATACATGATGAGCGAAAGGAGCTGCTCATTCCTGCGGGTACGTCA	180		
Db	121	CCGGAAATTATACATGATGAGCGAAAGGAGCTGCTCATTCCTGCGGGTACGTCA	180		
Qy	181	CCTAACATCACTGTCATTTCAAAAGTTTCACCTGACACTTGTACCCCTGATGGAAA	240		
Db	181	CCTAACATCACTGTCATTTCAAAAGTTTCACCTGACACTTGTACCCCTGATGGAAA	240		
Qy	241	CGCCATATCTGGCAGCTGACAAGGGCTTCATCATATAAACTGCAACGTACAAAGATA	300		
Db	241	CGCCATATCTGGCAGCTGACAAGGGCTTCATCATATAAACTGCAACGTACAAAGATA	300		
Qy	301	GGGTCTGACCTGTTGAAACAGTCATGGCATGGGATTTGATAGAACAACTATCTACA	360		
Db	301	GGGTCTGACCTGTTGAAACAGTCATGGCATGGGATTTGATAGAACAACTATCTACA	360		
Qy	361	CATGCCAAACCAATACAATCATGATGTTGCTGACTAACTCTGTTGAACTTAATGGA	420		
Db	361	CATGCCAAACCAATACAATCATGATGTTGCTGACTAACTCTGTTGAACTTAATGGA	420		
Qy	421	TCTGTTGGAGAAACCTTGTGTTAAATGTCAGCAAGAACCTGAAACTAAATGGGGATT	480		
Db	421	TCTGTTGGAGAAACCTTGTGTTAAATGTCAGCAAGAACCTGAAACTAAATGGGGATT	480		
Qy	481	GACTTCAACTGGAAATACCTTCTTCGAGCATGGCTTCATGGGATTCAGCTGAACTGAGAC	540		
Db	481	GACTTCAACTGGAAATACCTTCTTCGAGCATGGCTTCATGGGATTCAGCTGAACTGAGAC	540		
Qy	541	CTAAAAACCCGCTGGGGTGGATGAGAAATTGGACCTTAACCTAGATGGT	600		
Db	541	CTAAAAACCCGCTGGGGTGGATGAGAAATTGGACCTTAACCTAGATGGT	600		
Qy	601	GTAACCCGGAGTGCACCTGGAGCAACCTGGCAGATCAGCTGGCTGATGACCCAG	660		
Db	601	GTAACCCGGAGTGCACCTGGCAGATCAGCTGGCTGATGACCCAG	660		
Qy	661	AGAACAGCACATTGTGAGGGTCATGAAAGGACAAAATCACACATGCCACCTGTC	720		
Db	661	AGAACAGCACATTGTGAGGGTCATGAAAGGACAAAATCACACATGCCACCTGTC	720		
Qy	721	CGAGACCTGAACTCTGGGGACACGGTCAGCTTCCTTCCTCCAAAACCAAGGAC	780		
Db	721	CGAGACCTGAACTCTGGGGACACGGTCAGCTTCCTTCCTCCAAAACCAAGGAC	780		
Qy	781	ACCCCTCATGATCTCCGGGACACCTGGCAGATCAGCTGGCTGATGACCCAG	840		

Sequence 15									
Sequence 15, Application US/11016097									
Publication No. US2005016398A1									
GENERAL INFORMATION:									
APPLICANT: Nicholas J. Papadopoulos et al.									
TITLE OF INVENTION: MODIFIED CHIMERIC POLYPEPTIDES WITH IMPROVED PHARMACOKINETIC PROPERTIES AND METHODS OF MAKING									
TITLE OF INVENTION: REG 710-A-US									
FILE REFERENCE: US/11/015, 097									
CURRENT FILING DATE: 2004-12-17									
PRIOR APPLICATION NUMBER: US/11/009, 852									
PRIOR FILING DATE: 2001-12-06									
PRIOR APPLICATION NUMBER: PCT/US00/14142									
PRIOR FILING DATE: 2000-05-23									
PRIOR APPLICATION NUMBER: 60/138, 133									
PRIOR FILING DATE: 1999-06-08									
NUMBER OF SEQ ID NOS: 38									
SOFTWARE: FastSEQ for Windows Version 3.0									
SEQ ID NO: 15									
LENGTH: 1377									
RESULT 10									
Sequence 15									
Sequence 15, Application US/11016097									
Publication No. US2005016398A1									
GENERAL INFORMATION:									
APPLICANT: Nicholas J. Papadopoulos et al.									
TITLE OF INVENTION: MODIFIED CHIMERIC POLYPEPTIDES WITH IMPROVED PHARMACOKINETIC PROPERTIES AND METHODS OF MAKING									
TITLE OF INVENTION: REG 710-A-US									
FILE REFERENCE: US/11/015, 097									
CURRENT FILING DATE: 2004-12-17									
PRIOR APPLICATION NUMBER: US/11/009, 852									
PRIOR FILING DATE: 2001-12-06									
PRIOR APPLICATION NUMBER: PCT/US00/14142									
PRIOR FILING DATE: 2000-05-23									
PRIOR APPLICATION NUMBER: 60/138, 133									
PRIOR FILING DATE: 1999-06-08									
NUMBER OF SEQ ID NOS: 38									
SOFTWARE: FastSEQ for Windows Version 3.0									
SEQ ID NO: 15									
LENGTH: 1377									
RESULT 10									
Sequence 15									
Sequence 15, Application US/11016097									
Publication No. US2005016398A1									
GENERAL INFORMATION:									
APPLICANT: Nicholas J. Papadopoulos et al.									
TITLE OF INVENTION: MODIFIED CHIMERIC POLYPEPTIDES WITH IMPROVED PHARMACOKINETIC PROPERTIES AND METHODS OF MAKING									
TITLE OF INVENTION: REG 710-A-US									
FILE REFERENCE: US/11/015, 097									
CURRENT FILING DATE: 2004-12-17									
PRIOR APPLICATION NUMBER: US/11/009, 852									
PRIOR FILING DATE: 2001-12-06									
PRIOR APPLICATION NUMBER: PCT/US00/14142									
PRIOR FILING DATE: 2000-05-23									
PRIOR APPLICATION NUMBER: 60/138, 133									
PRIOR FILING DATE: 1999-06-08									
NUMBER OF SEQ ID NOS: 38									
SOFTWARE: FastSEQ for Windows Version 3.0									
SEQ ID NO: 15									
LENGTH: 1377									
RESULT 10									
Sequence 15									
Sequence 15, Application US/11016097									
Publication No. US2005016398A1									
GENERAL INFORMATION:									
APPLICANT: Nicholas J. Papadopoulos et al.									
TITLE OF INVENTION: MODIFIED CHIMERIC POLYPEPTIDES WITH IMPROVED PHARMACOKINETIC PROPERTIES AND METHODS OF MAKING									
TITLE OF INVENTION: REG 710-A-US									
FILE REFERENCE: US/11/015, 097									
CURRENT FILING DATE: 2004-12-17									
PRIOR APPLICATION NUMBER: US/11/009, 852									
PRIOR FILING DATE: 2001-12-06									
PRIOR APPLICATION NUMBER: PCT/US00/14142									
PRIOR FILING DATE: 2000-05-23									
PRIOR APPLICATION NUMBER: 60/138, 133									
PRIOR FILING DATE: 1999-06-08									
NUMBER OF SEQ ID NOS: 38									
SOFTWARE: FastSEQ for Windows Version 3.0									
SEQ ID NO: 15									
LENGTH: 1377									
RESULT 10									
Sequence 15									
Sequence 15, Application US/11016097									
Publication No. US2005016398A1									
GENERAL INFORMATION:									
APPLICANT: Nicholas J. Papadopoulos et al.									
TITLE OF INVENTION: MODIFIED CHIMERIC POLYPEPTIDES WITH IMPROVED PHARMACOKINETIC PROPERTIES AND METHODS OF MAKING									
TITLE OF INVENTION: REG 710-A-US									
FILE REFERENCE: US/11/015, 097									
CURRENT FILING DATE: 2004-12-17									
PRIOR APPLICATION NUMBER: US/11/009, 852									
PRIOR FILING DATE: 2001-12-06									
PRIOR APPLICATION NUMBER: PCT/US00/14142									
PRIOR FILING DATE: 2000-05-23									
PRIOR APPLICATION NUMBER: 60/138, 133									
PRIOR FILING DATE: 1999-06-08									
NUMBER OF SEQ ID NOS: 38									
SOFTWARE: FastSEQ for Windows Version 3.0									
SEQ ID NO: 15									
LENGTH: 1377									
RESULT 10									
Sequence 15									
Sequence 15, Application US/11016097									
Publication No. US2005016398A1									
GENERAL INFORMATION:									
APPLICANT: Nicholas J. Papadopoulos et al.									
TITLE OF INVENTION: MODIFIED CHIMERIC POLYPEPTIDES WITH IMPROVED PHARMACOKINETIC PROPERTIES AND METHODS OF MAKING									
TITLE OF INVENTION: REG 710-A-US									
FILE REFERENCE: US/11/015, 097									
CURRENT FILING DATE: 2004-12-17									
PRIOR APPLICATION NUMBER: US/11/009, 852									
PRIOR FILING DATE: 2001-12-06									
PRIOR APPLICATION NUMBER: PCT/US00/14142									
PRIOR FILING DATE: 2000-05-23									
PRIOR APPLICATION NUMBER: 60/138, 133									
PRIOR FILING DATE: 19									

1081	ACCTGCCCATCCGATGAGCTACCAAGAACAGTCGCTGACCTCCCTGGTC	1140
1141	AAAGGCTTCTATCCAGGACATCGCGTGGAGTGGAGAACATGGCGAGAAC	1200
1141	AAAGGCTTCTATCCAGGACATCGCGTGGAGTGGAGAACATGGCGAGAAC	1200
1201	AACTACAAAGCCCTCCGGTCTGGACTCTCGAGGGCTCCCTCTACAGGCAAG	1260
1201	AACTACAAAGCCCTCCGGTCTGGACTCTCGAGGGCTCCCTCTACAGGCAAG	1260
1261	CTCACCGTGGACAGAGAGGGTGCAGCAAGGGAAAGTCTTCTCATGCTCTCGTGTATGTCAT	1320
1261	CTCACCGTGGACAGAGGGTGCAGCAAGGGAAAGTCTTCTCATGCTCTCGTGTATGTCAT	1320
1321	GAGGTCTCACACCACTACAGCACAGGCTCCCTGTCCTGGTAAATGA	1377
1321	GAGGTCTCACACCACTACAGCACAGGCTCCCTGTCCTGGTAAATGA	1377

SUIT 11  
-11-039-144-1  
Sequence 1, Application US/11039144  
Publication No. US20050197291A1  
GENERAL INFORMATION:  
APPLICANT: Stanley Wiegand  
APPLICANT: Jintai Cao  
APPLICANT: Claus Cursiefen  
TITLE OF INVENTION: Method of Treating Corneal Transplant  
TITLE OF INVENTION: Rejection In High Risk Keratoplasty Patients  
FILE REFERENCE: 713C  
CURRENT APPLICATION NUMBER: US/11039,144  
CURRENT FILING DATE: 2005-01-19  
PRIOR APPLICATION NUMBER: 10/730,902  
PRIOR FILING DATE: 2004-04-23  
PRIOR APPLICATION NUMBER: 60/473,734  
PRIOR FILING DATE: 2003-05-28  
NUMBER OF SEQ ID NOS: 2  
SOFTWARE: FastSEQ for Windows Version 4.0  
SEQUENCE ID NO. 1

ORGANISM: homo sapiens  
NAME: -11-039-144-1  
COUNTRY: March

Qy	361	CATGCCAACCAATACATCATAGATGTTGAGTCGGTCATGAAATTGAACTA 361	361	CATGCCAACCAATACATCATAGATGTTGAGTCGGTCATGAAATTGAACTA 420
Db	421	TCTGTTGGAAAAAGCTGTCTTAATTGTACAGGAGACTGAACTAAATGCGGGATT 421	421	TCTGTTGGAAAAAGCTGTCTTAATTGTACAGGAGACTGAACTAAATGCGGGATT 480
Qy	481	GACTTCAACTGGGAAATACCCCTCTCGAAAGCATCGCATAGAAACACTGTTAACCTGAGAC 481	481	GACTTCAACTGGGAAATACCCCTCTCGAAAGCATCGCATAGAAACACTGTTAACCTGAGAC 540
Db	481	GACTTCATCTGGGAAATACCCCTCTCGAAAGCATCGCATAGAAACATGTTAACCTGAGAC 481	481	GACTTCATCTGGGAAATACCCCTCTCGAAAGCATCGCATAGAAACATGTTAACCTGAGAC 540
Qy	541	CTAAAACCAGCTGGAGATGAGTAAAGAAATTGAGCACTTAACTATAGATGTT 541	541	CTAAAACCAGCTGGAGATGAGTAAAGAAATTGAGCACTTAACTATAGATGTT 600
Db	541	CTAAAACCAGCTGGAGATGAGTAAAGAAATTGAGCACTTAACTATAGATGTT 541	541	CTAAAACCAGCTGGAGATGAGTAAAGAAATTGAGCACTTAACTATAGATGTT 600
Qy	601	GTAACCCGGAGTGTACCAAGGATTGTACCTGTGGAGCATCCAGTGGGTGTATGCCAAG 601	601	GTAACCCGGAGTGTACCAAGGATTGTACCTGTGGAGCATCCAGTGGGTGTATGCCAAG 660
Db	601	GTAACCCGGAGTGTACCAAGGATTGTACCTGTGGAGCATCCAGTGGGTGTATGCCAAG 601	601	GTAACCCGGAGTGTACCAAGGATTGTACCTGTGGAGCATCCAGTGGGTGTATGCCAAG 660
Qy	661	AAGGACAGCACTTGTCAAGGTCATGAAAGGCAAACTCAACATGCCAACCTGTC 661	661	AAGGACAGCACTTGTCAAGGTCATGAAAGGCAAAACTCAACATGCCAACCTGTC 720
Db	661	AAGGACAGCACTTGTCAAGGTCATGAAAGGCAAAACTCAACATGCCAACCTGTC 661	661	AAGGACAGCACTTGTCAAGGTCATGAAAGGCAAAACTCAACATGCCAACCTGTC 720
Qy	721	CCAGCACCTGAACTCCMGGGGAGCGTCAGTCAGTCAGTCAGTCAGTCAGTCAG 721	721	CCAGCACCTGAACTCCMGGGGAGCGTCAGTCAGTCAGTCAGTCAGTCAGTCAG 780
Db	721	CCAGCACCTGAACTCCMGGGGAGCGTCAGTCAGTCAGTCAGTCAGTCAGTCAG 721	721	CCAGCACCTGAACTCCMGGGGAGCGTCAGTCAGTCAGTCAGTCAGTCAGTCAG 780
Qy	781	ACCCCTGAGGTCAAGTTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAG 781	781	ACCCCTGAGGTCAAGTTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAG 840
Db	781	ACCCCTGAGGTCAAGTTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAG 781	781	ACCCCTGAGGTCAAGTTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAG 840
Qy	841	GACCCCTGAGGTCAAGTTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAG 841	841	GACCCCTGAGGTCAAGTTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAG 900
Db	841	GACCCCTGAGGTCAAGTTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAG 841	841	GACCCCTGAGGTCAAGTTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAG 900
Qy	901	AAGGCCGGAGGGCGGTAAACGCCACCTACCGTGTGGTCAAGCGGTCTCACGGCTCTG 901	901	AAGGCCGGAGGGCGGTAAACGCCACCTACCGTGTGGTCAAGCGGTCTCACGGCTCTG 960
Db	901	AAGGCCGGAGGGCGGTAAACGCCACCTACCGTGTGGTCAAGCGGTCTCACGGCTCTG 901	901	AAGGCCGGAGGGCGGTAAACGCCACCTACCGTGTGGTCAAGCGGTCTCACGGCTCTG 960
Qy	961	CACCGAGACTGTGTTGAGTAAAGGAGTAAAGGAGTAAAGGAGTAAAGGAGTAAAGG 961	961	CACCGAGACTGTGTTGAGTAAAGGAGTAAAGGAGTAAAGGAGTAAAGGAGTAAAGG 1020
Db	961	CACCGAGACTGTGTTGAGTAAAGGAGTAAAGGAGTAAAGGAGTAAAGGAGTAAAGG 961	961	CACCGAGACTGTGTTGAGTAAAGGAGTAAAGGAGTAAAGGAGTAAAGGAGTAAAGG 1020
Qy	1021	GCCCCCATGAGAAACCATCTCCAAAGCCAAAGGCCACCCGGAGACCAAGCTGTAC 1021	1021	GCCCCCATGAGAAACCATCTCCAAAGCCAAAGGCCACCCGGAGACCAAGCTGTAC 1080
Db	1021	GCCCCCATGAGAAACCATCTCCAAAGCCAAAGGCCACCCGGAGACCAAGCTGTAC 1021	1021	GCCCCCATGAGAAACCATCTCCAAAGCCAAAGGCCACCCGGAGACCAAGCTGTAC 1080
Qy	1081	ACCCCTGCCCCATCCGGGATGAGGTGACCAAGGTCAGCTGCTTCACCTGCTTGTC 1081	1081	ACCCCTGCCCCATCCGGGATGAGGTGACCAAGGTCAGCTGCTTCACCTGCTTGTC 1140
Db	1081	ACCCCTGCCCCATCCGGGATGAGGTGACCAAGGTCAGCTGCTTCACCTGCTTGTC 1081	1081	ACCCCTGCCCCATCCGGGATGAGGTGACCAAGGTCAGCTGCTTCACCTGCTTGTC 1140
Qy	1141	AAAGGCTCTATCCAGCGCATCCCGGTGAGTGGGAGGAATGGGAGGAATGGGAGAAC 1141	1141	AAAGGCTCTATCCAGCGCATCCCGGTGAGTGGGAGGAATGGGAGGAATGGGAGAAC 1200
Db	1141	AAAGGCTCTATCCAGCGCATCCCGGTGAGTGGGAGGAATGGGAGGAATGGGAGAAC 1141	1141	AAAGGCTCTATCCAGCGCATCCCGGTGAGTGGGAGGAATGGGAGGAATGGGAGAAC 1200
Qy	1201	AACTACAGAACCCAGCTCCCGGTGAGTGGGAGCTCCGAGGCTCTTCTCTAACGCAAG 1201	1201	AACTACAGAACCCAGCTCCCGGTGAGTGGGAGCTCCGAGGCTCTTCTCTAACGCAAG 1260
Db	1201	AACTACAGAACCCAGCTCCCGGTGAGTGGGAGCTCCGAGGCTCTTCTCTAACGCAAG 1201	1201	AACTACAGAACCCAGCTCCCGGTGAGTGGGAGCTCCGAGGCTCTTCTCTAACGCAAG 1260
Qy	1261	CTTACCGCTGGACAAAGGCAAGGAGCAAGGAGCTCCGTCATGCTGCTGGTAAATGA 1261	1261	CTTACCGCTGGACAAAGGCAAGGAGCAAGGAGCTCCGTCATGCTGCTGGTAAATGA 1320
Db	1261	CTTACCGCTGGACAAAGGAGCAAGGAGCTCCGTCATGCTGCTGGTAAATGA 1261	1261	CTTACCGCTGGACAAAGGAGCAAGGAGCTCCGTCATGCTGCTGGTAAATGA 1320
Qy	1321	GAGGCTCTGGACAAACCAACTAACGAGAGGAGCTCTCCGTCATGCTGCTGGTAAATGA 1321	1321	GAGGCTCTGGACAAACCAACTAACGAGAGGAGCTCTCCGTCATGCTGCTGGTAAATGA 1377
Db	1321	GAGGCTCTGGACAAACCAACTAACGAGAGGAGCTCTCCGTCATGCTGCTGGTAAATGA 1321	1321	GAGGCTCTGGACAAACCAACTAACGAGAGGAGCTCTCCGTCATGCTGCTGGTAAATGA 1377

RESULT 12  
US-09-773-877A-21  
; Sequence 21. Application US/09773877A

GENERAL INFORMATION:  
; APPLICANT: Xia, Yu-Ping et al.  
; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES  
; FILE REFERENCE: REG 710b  
; CURRENT APPLICATION NUMBER: US/09/773, 877A  
; CURRENT FILING DATE: 2001-01-31  
; NUMBER OF SEQ ID NOS: 27  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO: 21  
; LENGTH: 1453  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE: OTHER INFORMATION: Flt1D2\_Flkd3\_FcdeltaC1 (a) Receptor  
; NAME/KEY: CDS  
; LOCATION: (69) .. (1442)  
; US-09-773-877A-21

Query Match 96.5%; Score 1328.4; DB 10; Length 1453;  
 Best Local Similarity 98.6%; Pred. No. 0; Mismatches 1; Indels 18; Gaps 2;  
 Matches 1367; Conservative 0;

Qy 1 ATGGTCAGCTACTGGACACCGGGTCTGTCAGCTCTGCTTC 60  
 Db 69 ATGGTCAGCTACTGGACACCGGGTCTGTCAGCTCTGCTTC 128  
 Qy 61 ACAGGATCTAGTTCGGAAAGTGTATACTGGTAGACCTTCTGAAATC 120  
 Db 129 ACAGGATCTAGTTCGGAA-----GGTAGACCTTCTGAAATC 179  
 Qy 121 CCCGAATTATACACATGACTGAGGAAGGGAGCTGTCATTCCCTGCGGGTACGTCA 180  
 Db 180 CCCGAATTATACACATGACTGAGGAAGGGAGCTGTCATTCCCTGCGGGTACGTCA 239  
 Qy 181 CCTAACATCACTGTTACTTAAAGTTTCACTTGACACTTGTGAA 240  
 Db 240 CCTAACATCACTGTTACTTAAAGTTTCACTTGACACTTGTGAA 299  
 Qy 241 CGCATTAATCTGGGACACTGAGGAAGGGTCTCATCATATAAATGCAACGTACAAAGATA 300  
 Db 300 CGCATTAATCTGGGACACTGAGGAAGGGTCTCATCATATAAATGCAACGTACAAAGATA 359  
 Qy 301 GGGCTCTGACTCTGAGCACTGCAATGGCAATTGTGATATAAGCAACTATCTACA 360  
 Db 360 GGGCTCTGACTCTGAGCACTGCAATGGCAATTGTGATATAAGCAACTATCTACA 419  
 Qy 361 CATCGACAACCAATCATCATAGATGTTCTGAGTCGCTCATGAAATTGAACTA 420  
 Db 420 CATCGACAACCAATCATCATAGATGTTCTGAGTCGCTCATGAAATTGAACTA 479  
 Qy 421 TCTGTTGAGAAAAGCTGCTTAATGGTACAGCAAGAACTGAACTAATGTGGGATT 480  
 Db 480 TCTGTTGAGAAAAGCTGCTTAATGGTACAGCAAGAACTGAACTAATGTGGGATT 539  
 Qy 481 GACTCAAACTGGAAATCCPCTCTGCAAGCATCACATAAGAAACTTGTAAACCGAGAC 540  
 Db 540 GACTCAAACTGGAAATCCPCTCTGCAAGCATCACATAAGAAACTTGTAAACCGAGAC 599  
 Qy 541 CTAAAACCCACTCTGGAGTCAGATAGAAATTGAGCACCTTAACATATAGATGGT 600  
 Db 600 CTAAAACCCACTCTGGAGTCAGATAGAAATTGAGCACCTTAACATATAGATGGT 659  
 Qy 601 GTAACCCGGAGTGTACCAAGGATGTGACAGATCCAGTGGCTGATGACCAAG 660  
 Db 660 GTAACCCGGAGTGTACCAAGGATGTGACAGATCCAGTGGCTGATGACCAAG 719  
 Qy 661 AAGAACAGCACATTGTCACTGGCTCATGAAAG-----GACAAACTCACATGC 711  
 Db 720 AAGAACAGCACATTGTCACTGGCTCATGAAAGGGCGGACAAACTCACATGC 779  
 Qy 712 CCACCGTCCCCAGCCTGAACCTGGGACCGTCACTGCTTCCCTCCCCAAAA 771  
 Db 780 CCACCGTCCCCAGCCTGAACCTGGGACCGTCACTGCTTCCCTCCCCAAAA 839

Qy 772 CCCAGGACACCCCTATGATCTCCGGACCCCTGAGGTACATGCTGGTGGACCTG 831  
 Db 840 CCCAGGACACCCCTATGATCTCCGGACCCCTGAGGTACATGCTGGTGGACCTG 899  
 Qy 832 AGCCAGAAAGACCTGAGGTCAAGTCAACTGGTACGTGACGGTGGAGGTCAATA 891  
 Db 900 AGCCAGAAAGACCCCTGAGGTCAAGTCAACTGGTACGTGACGGTGGAGGTCAATA 959  
 Qy 892 GCCAGACAAAGCCGGAGGACAGTCAACAGCACCTACCGTGTGTCAGGTGCTTC 951  
 Db 960 GCCAGACAAAGCCGGAGGACAGTCAACAGCACCTACCGTGTGTCAGGTGCTTC 1019  
 Qy 952 ACCGTCCTGACCCAGACTGGCTGAAATGGCAAGGGTACAAGTCAAGTCAACAA 1011  
 Db 1020 ACCGTCCTGACCCAGACTGGCTGAAATGGCAAGGGAGCCCGAGAACCA 1071  
 Qy 1012 GCCCTCCCAGCCCCATCGAGAAACCACTTCCAAAGCCAAGGGAGACGCTGACCC 1139  
 Db 1080 GCCCTCCCAGCCCCATCGAGAAACCACTTCCAAAGCCAAGGGAGACGCTGACCC 1199  
 Qy 1072 CAGGTGTAACCCCTGACCCCTGAGCTGGGATGAGTGGAGTGGAGTGGACCTGACCC 1191  
 Db 1140 CAGGTGTAACCCCTGACCCCTGAGCTGGGATGAGTGGAGTGGACCTGACCC 1199  
 Qy 1132 TGCCCTGGTCAAAGGGCTTCTATCCCGAGACATCCCGCTGGAGTGGAGAATGGCAG 1191  
 Db 1200 TGCCCTGGTCAAAGGGCTTCTATCCCGAGACATCCCGCTGGAGAATGGCAG 1259  
 Qy 1192 CGGGAAACACTAACAGGACCCGCTCCCTGCTGGACTCCGAGGGCTCCTTCCTCCTC 1251  
 Db 1260 CGGGAAACACTAACAGGACCCGCTCCCTGCTGGACTCCGAGGGCTCCTTCCTCCTC 1319  
 Qy 1252 TACACAAAGTCACGGTGGACAAAGGCAAGGGAGCTGGGAGAAGGGAGCTGGTCC 1311  
 Db 1320 TATACAAAGTCACGGTGGACAAAGGCAAGGGAGCTGGGAGAAGGGAGCTGGTCC 1379  
 Qy 1312 GTGATGCACTGGGCTCTGGCAAAACACTACAGCAGAAAGGCCCTCCCTGTCCTGGGT 1371  
 Db 1380 GTGATGCACTGGGCTCTGGCAAAACACTACAGCAGAAAGGCCCTCCCTGTCCTGGGT 1439  
 Qy 1372 AAATGA 1377  
 Db 1440 AAATGA 1445

RESULT 13  
 US-10-609-775-7

; Sequence 7, Application US/10609775  
; Publication No. US20040014667A1  
; GENERAL INFORMATION:  
; APPLICANT: Thomas J. Daly  
; APPLICANT: James P. Pandl  
; APPLICANT: Nicholas J. Papadopoulos  
; TITLE OF INVENTION: VEGF TRAPS AND THERAPEUTIC USES THEREOF  
; FILE REFERENCE: REG 710D  
; CURRENT APPLICATION NUMBER: US/10/609,775  
; CURRENT FILING DATE: 2003-06-30  
; PRIOR APPLICATION NUMBER: 10/0609775  
; PRIOR FILING DATE: 2001-12-06  
; PRIOR APPLICATION NUMBER: PCT/US00/14142  
; PRIOR FILING DATE: 2000-05-23  
; PRIOR APPLICATION NUMBER: 60/138,133  
; PRIOR FILING DATE: 1999-06-08  
; NUMBER OF SEQ ID NOS: 25  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 7  
; LENGTH: 1453  
; ORGANISM: homo sapiens  
; US-10-609-775-7

Query Match 96.5%; Score 1328.4; DB 18; Length 1453;

Best Local Similarity 98.6%; Pred. No. 0; Mismatches 1; Indels 18; Gaps 2; Matches 1367; Conservative

1 ATGGTCAGTACTCGGACACCGGGTCTGGCTAGCTGCTCTC 60  
 69 ATGGTCAGTACTCGGACACCGGGTCTGGCTAGCTGCTCTC 128  
 Qy 61 ACAGATCTAGTTCGGHAATGATAACCGGTTGACCTTCTCTAGCATGATGAATC 120  
 Db 129 ACAGATCTAGTTCGGAA-----GGTACCTTCTCTAGATGAATC 179  
 Qy 121 CCGAAATTATAACATGAACTGAAAGGAGGAGCTGTCATCGTCA 180  
 Db 180 CCCAAATTATAACATGAACTGAAAGGAGGAGCTGTCATCGTCA 239  
 Qy 181 CCTAACATACCTGTTACTTTAAAGCTTCACTTGACACTTGTGATCTGTGATGGAAA 240  
 Db 240 CCTAACATACCTGTTACTTTAAAGCTTCACTTGACACTTGTGATGGAAA 299  
 Qy 241 CGATAAATTGGACAGTAAAGGGGTTCATCATATAATGAAACCTAACAGAAATA 300  
 Db 300 CGATAAATTGGACAGTAAAGGGGTTCATCATATAATGAAACGTAAAGAAATA 359  
 Qy 301 GGGCTTCACCTGTAACCTGTAACAGTAACTGGATTGTATAGACAACTATCTACA 360  
 Db 360 GGGCTTCACCTGTAACAGTAACTGGATTGTATAGACAACTATCTACA 419  
 Qy 361 CATGACAAACCCATACATATAGTGTGAAAGCACTGAACTGTGAACTA 420  
 Db 420 CATGACAAACCCATACATATAGTGTGAAAGCACTGAACTGTGAACTA 479  
 Qy 421 TCGTTGAGAAAGACTGTCTTAATTGACAGAACGAACTGAACTAATGTGGATT 480  
 Db 480 TCGTTGAGAAAGCTGTCTTAATTGACAGAACGAACTGAACTAATGTGGATT 539  
 Qy 481 GACTTCACCTGGAAATACCCCTCTGAAACATCAGATAAGAACCTGTAAACCGAGAC 540  
 Db 540 GACTTCACCTGGAAATACCCCTCTGAAACATCAGATAAGAACCTGTAAACCGAGAC 599  
 Qy 541 CTAAAACCCACTCTGGAGTACCAAGGATTGTACACTGTGAACTTGTGAGTGT 600  
 Db 600 CTAAAACCCACTCTGGAGTACCAAGGATTGTACACTGTGAACTTGTGAGTGT 659  
 Qy 601 GTAAACCCGGAGTACCAAGGATTGTACACTGTGAACTTGTGAACTTGTGAGTGT 660  
 Db 660 GTAAACCCGGAGTACCAAGGATTGTACACTGTGAACTTGTGAACTTGTGAGTGT 719  
 Qy 661 AAGAACAGCAGATTTGTCAAGTAAAG-----GACAAACTCATCACATGC 711  
 Db 720 AAGAACAGCAGATTTGTCAAGTAAAGGGCGGACAAACATCACATGC 779  
 Qy 712 CCACCGTCCCGACCTGAACTCTGAACTCTGGGGACCTGAACTCTCCCAAAA 771  
 Db 780 CCACCGTCCCGACCTGAACTCTGAACTCTGGGGACCTGAACTCTCCCAAAA 839  
 Qy 772 CCAAAGAACACCTCTGATGATCTCCGGACCCCTAGGTCAATGCGTGTGTGAGCTG 831  
 Db 840 CCAAAGAACACCTCTGATGATCTCCGGACCCCTAGGTCAATGCGTGTGTGAGCTG 899  
 Qy 832 AGCCACGAAGAACCTCAACTGTGTGAACTCCGACCTGAACTCTGGGGACCTGAACTT 891  
 Db 900 AGCCACGAAGAACCTCAACTGTGTGAACTCCGACCTGAACTCTGGGGACCTGAACTT 959  
 Qy 892 GCAAAGAACAAAGCCGGAGGAGGAGGAGTACAAAGGAGTACAACTGGTGTGTGAGCTG 951  
 Db 960 GCAAAGAACAAAGCCGGAGGAGGAGGAGTACAAAGGAGTACAACTGGTGTGTGAGCTG 1019  
 Qy 952 ACGGTCCTGCAACGGACTGGCTGAAATGGAAAGGAGTACAAAGTGAAGGTCTCCAAACAAA 1011  
 Db 1020 ACGGTCCTGCAACGGACTGGCTGAAAGGAGTACAAAGTGAAGGTCTCCAAACAAA 1079  
 Qy 1012 GCCTCCAAACCCATCGGAAACCAATCTCAAAGGCAAAAGGCAAGGCGGAGACCA 1071  
 Db 1080 GCCTCCAAACCCATCGGAAACCAATCTCAAAGGCAAGGCGGAGACCA 1139  
 Qy 1072 CAGGTGAACTCCCTGCCCATCCGGATGAGCTGACCTGGCTGACCTGCAC 1131  
 Db 1140 CAGGTGAACTCCCTGCCCATCCGGATGAGCTGACCTGGCTGACCTGCAC 1199  
 Qy 1132 TGCTGGTAAAGCTTCTATCCAGGATATCGCTGTCAGTGGCAATGGGAG 1191  
 Db 1200 TGCTGGTAAAGCTTCTATCCAGGATATCGCTGTCAGTGGCAATGGGAG 1259  
 Qy 1192 CCGAGAACAACTACAGAACCCGCTCCCTGTGACTCTGAGCTCTCTCTC 1251  
 Db 1260 CCGAGAACAACTACAGAACCCGCTCCCTGTGACTCTGAGCTCTCTC 1319  
 Qy 1252 TACAGCAAGCTACCCCTGACAGAGCAGTGGCAGCAGGGAAACGTTCTCTCATGCTC 1311  
 Db 1320 TATAGCAAGCTACCCGCTGAGCAGAGCAGTGGCAGCAGGGAACTCTCTCATGCTC 1379  
 Qy 1312 GTGTGCTGAGCTGAGCTCTGACAACTACAGAACCCGCTCCCTGTGACTCTGAGCTCTCTCATGCTC 1371  
 Db 1380 GGTGCTGAGGCTCTGACAACTACAGAACCCGCTCCCTGTGACTCTGAGCTCTCTCATGCTC 1439  
 Qy 1372 AAATGA 1377  
 Db 1440 AAATGA 1445  
 RESULT 14  
 US-10-880-021-7  
 Sequence 7, Application US/10880021  
 Publication No. US20050043236A1  
 GENERAL INFORMATION  
 i APPLICANT: Pandl, James P.  
 i APPLICANT: Papadopoulos, Nicholas J.  
 i TITLE OF INVENTION: VEFTR Traps and Therapeutic Uses Thereof  
 i FILE REFERENCE: RGE 710D2  
 CURRENT APPLICATION NUMBER: US/10/880,021  
 CURRENT FILING DATE: 2004-06-29  
 PRIOR APPLICATION NUMBER: 10/609,775  
 PRIOR FILING DATE: 2003-06-30  
 NUMBER OF SEQ ID NOS: 29  
 SOFTWARE: Fast-SEQ for Windows Version 4.0  
 SEQ ID NO: 7  
 LENGTH: 1453  
 TYPE: DNA  
 i ORGANISM: homo sapiens  
 US-10-880-021-7  
 Query Match 96.5%; Score 138.4; DB 22; Length 1453;  
 Best Local Similarity 98.6%; Pred. No 0; Mismatches 0; Indels 18; Gaps 2;  
 Matches 1367; Conservative 1367; Mismatches 0; Indels 18; Gaps 2;  
 Qy 1 ATGGTCAGTACTGGACACGGGTTCCCTGCTGCTGCTCTC 60  
 Db 69 ATGGTCAGTACTGGACACGGGTTCCCTGCTGCTGCTCTC 60  
 Qy 61 ACAGATCTAGTTCGGAACTGATACTGGTAGTACGTGAAATC 710D2  
 Db 61 ACAGATCTAGTTCGGAACTGATACTGGTAGTACGTGAAATC 120  
 Qy 62 ACAGATCTAGTTCGGAACTGATACTGGTAGTACGTGAAATC 120  
 Db 129 ACAGATCTAGTTCGGAACTGATACTGGTAGTACGTGAAATC 179  
 Qy 121 CCGAAATTATACATGACTGGGACTCTGCTCTGCTCTGCTCTC 180  
 Db 180 CCGAAATTATACATGACTGGGACTCTGCTCTGCTCTGCTCTC 128  
 Qy 181 CCTAACATACATGACTGGGACTCTGCTCTGCTCTGCTCTC 180  
 Db 240 CCTAACATACATGACTGGGACTCTGCTCTGCTCTGCTCTC 299  
 Qy 241 CGATTAATCTGGACAGTGAAGGGCTCATCATATCAAATGCAAACTGAAAGAATA 300  
 Db 300 CGCATTAATCTGGACAGTGAAGGGCTCATCATATCAAATGCAAACTGAAAGAATA 359

Qy	301	GGGCTTCTGACCTGAAAGAACAGTCATGGCATTGTATAAGACAACATCTCACA	360	Db	1440		
Db	360	GGGCTTCTGACCTGAAAGAACAGTCATGGCATTGTATAAGACAACATCTCACA	419				
Qy	361	CATGGACAAACATACATAGATGTTGAGTGGATTGAACTA	420	Db	1440		
Db	420	CATGGACAAACATACATAGATGTTGAGTGGATTGAACTA	479				
Qy	421	TCTGTTGGAGAAAAGTTGCTTAAATTGTACAGAACAACTGAACTAATGGGGATT	480				
Db	480	TCTGTTGGAGAAAAGTTGCTTAAATTGTACAGAACAACTGAACTAATGGGGATT	539				
Qy	481	GACTTCACACTGGAAATACCCCTTCGAAAGCATCCACTTAACTGAGAC	540	Db	1440		
Db	540	GACTTCACACTGGAAATACCCCTTCGAAAGCATCCACTTAACTGAGAC	599				
Db	599						
Qy	541	CTAAAAACCCAGTCTGGAGTGGATGAGATGAGAAATTGAGCACCTTAACATATAGATGGT	600	Db	1440		
Db	600	CTAAAAACCCAGTCTGGAGTGGATGAGATGAGAAATTGAGCACCTTAACATATAGATGGT	659				
Qy	601	GTAACCGGAGTGACCAAGGATTGTACACCTGTGAGCATCAGTGGCTGATGACAAAG	660	Db	1440		
Db	660	GTAACCGGAGTGACCAAGGATTGTACACCTGTGAGCATCAGTGGCTGATGACAAAG	719				
Qy	661	AAGAACAGCACATTTCAGGCTTCCATGAAAG-----GACAAACATCACATGC	711	Db	1440		
Qy	661	AAGAACAGCACATTTCAGGCTTCCATGAAAG-----GACAAACATCACATGC	711				
Db	720	AAGAACAGCACATTTCAGGCTTCCATGAAAGGGCCGGACAAACATCACATGC	779				
Qy	712	CCACCGTCCCAGCACCTGAACTCTGGGGACCCCTCAGCTTCTCTTCCCCCAAAA	771	Db	1440		
Db	780	CCACCGTCCCAGCACCTGAACTCTGGGGACCCCTCAGCTTCTCTTCCCCCAAAA	839				
Qy	772	CCCAAGGACACCCCTCATGATCTCCCGAACCCCTGAGGTACATGCTGTGAGCTG	831	Db	1440		
Db	840	CCCAAGGACACCCCTCATGATCTCCCGAACCCCTGAGGTACATGCTGTGAGCTG	899				
Qy	832	AGCCACCGAAGACCCCTGAGTCAAGTCACTGTAGTGGACGGCCTGGAGGTGATAAT	891	Db	1440		
Db	900	AGCCACCGAAGACCCCTGAGTCAAGTCACTGTAGTGGACGGCCTGGAGGTGATAAT	959				
Qy	892	GCCAAGAACAAAGCCGGGAGGAGCATACACGGACGTACCGGTGTCAGGTCTCC	951	Db	1440		
Db	960	GCCAAGAACAAAGCCGGGAGGAGCATACACGGACGTACCGGTGTCAGGTCTCC	1019				
Qy	952	ACGGTCTCTGACCCGACTGGGTGAAATGGCAGGAGTACAGTGCAGGTCTCCACAAA	1011	Db	1440		
Db	1020	ACGGTCTCTGACCCGACTGGGTGAAATGGCAGGAGTACAGTGCAGGTCTCCACAAA	1079				
Qy	1012	GCCCTCCAGGCCCATCTGAGAAACCATCTCCAAAGCCAAAGGGCAAGAACCA	1071	Db	1440		
Db	1080	GCCCTCCAGGCCCATCTGAGAAACCATCTCCAAAGCCAAAGGGCAAGAACCA	1139				
Qy	1072	CAGGTGTACACCGCTTCAAGGCTTCTATCCAGGGACATGGCTGAGGAATGGCAG	1131	Db	1440		
Db	1140	CAGGTGTACACCGCTTCAAGGCTTCTATCCAGGGACATGGCTGAGGAATGGCAG	1259				
Qy	1132	CGGGAGAACAACTACAGAACCCAGCCTCCGGTGTGGACCTCGAACGGCTGAGCTG	1251	Db	1440		
Db	1260	CGGGAGAACAACTACAGAACCCAGCCTCCGGTGTGGACCTCGAACGGCTGAGCTG	1319				
Qy	1132	TGCCTGTGCTCAAAGGCTTCTATCCAGGGACATGGCTGAGGAATGGCAG	1191	Db	1440		
Db	1200	TGCCTGTGCTCAAAGGCTTCTATCCAGGGACATGGCTGAGGAATGGCAG	1259				
Qy	1192	CAGGTGTACACCGCTTCAAGGCTTCTATCCAGGGACATGGCTGAGGAATGGCAG	1251	Db	1440		
Db	1260	CAGGTGTACACCGCTTCAAGGCTTCTATCCAGGGACATGGCTGAGGAATGGCAG	1319				
Qy	1252	TACAGGAGACTACCGTGGAGAACAGGCTGGAGCTGGAGAACGCTCTCC	1311	Db	1440		
Db	1320	TATGGCAAGGCTACCCGCTGGAGAACAGGCTGGAGCTGGAGAACGCTCTCC	1379				
Qy	1312	GTGATGATGAGGGCTCTGACACCACTACAGGAGAACGCTCTCCGGT	1371	Db	1440		
Db	1380	GTGATGATGAGGGCTCTGACACCACTACAGGAGAACGCTCTCCGGT	1439				
Qy	1372	AAATGA 1377		Db	1440		
Qy	481	GACTTCACCTGGAAATACCCCTCTGAGCATCGCATGAAACTCTGTAACCGAGAC	540				
Db	540	GACTTCACCTGGAAATACCCCTCTGAGCATCGCATGAAACTCTGTAACCGAGAC	599				
Qy	541	CTAAACACCCAGTCTGGAGTGAAGAACATTGACCTTAACCTATAGCTG	600				
Db	600	CTAAAACACCCAGTCTGGAGTGAAGAACATTGACCTTAACCTATAGCTG	659				
Qy	601	GTAAACCCGGAGTGAACCAAGGATTGTACACCTGTGGCATCGTGGCTGACCAAG	660				

```

Db 660 GTAACCCGGAGTGACCAAGATGATGACCTGGTACACTGGCATCCAGTGGTGTGACCAAG 719
Qy 661 AAGAACGAGACATTTGTGAGGTCCATGAAAG-----GACAACATCACATGC 711
Db 720 AAGAACGAGACATTTGTGAGGTCCATGAAAGGGCCGGGCAAAATCACATGC 779
Qy 712 CCACCGTGCAGCAGCACCTGAACTCCCGGGAGACCTCAGTCTGCTCCTCCCCAAA 771
Db 780 CCACCGTGCAGCAGCACCTGAACTCCCGGGAGACCTCAGTCTGCTCCTCCCCAAA 839
Qy 772 CCCAGGAGAACCCCTCATGATCTCCCGAACCCCTGAGGTCACTCGTGTGGACGTG 831
Db 840 CCCAGGAGAACCCCTCATGATCTCCCGAACCCCTGAGGTCACTCGTGTGGACGTG 899
Qy 832 AGCCACGGAGAACCCCTGAGGTCACTCGTGTGGACGTGAGGTGATAAT 891
Db 900 AGCCACGGAGAACCCCTGAGGTCACTCGTGTGGACGTGAGGTGATAAT 959
Qy 892 GCCAAGAGAACAGCGGGAGGAGCACTAACACGATACACGATACCGTGTGGTCCCGTCTC 951
Db 960 GCCAAGAGAACAGCGGGAGGAGCACTAACACGATACACGATACCGTGTGGTCCCGTCTC 1019
Qy 952 ACCCTCTGACCAAGGACTGGTGTGGATGCCAAGGTAACAGTCAAGTCAAGTCCAAACAA 1011
Db 1020 ACCCTCTGACCAAGGACTGGTGTGGATGCCAAGGTAACAGTCAAGTCCAAACAA 1079
Qy 1012 GCCCTCCAGGCCCATGAGAAAACCATCTCCAAAGGCAAAAGGCCAACCCGGAGACCA 1071
Db 1080 GCCCTCCAGGCCCATGAGAAAACCATCTCCAAAGGCAAAAGGCCAACCCGGAGACCA 1139
Qy 1072 CAGTGTACACCTGTGCCCATCCGGATGAGTGTGACCAAGAACGGTCAAGCTGAC 1131
Db 1140 CAGTGTACACCTGTGCCCATCCGGATGAGTGTGACCAAGAACGGTCAAGCTGAC 1199
Qy 1132 TGCTGTCAAGGGCTCTAATCCAGGATGCCGATGGGAGCATGGATGGCAG 1191
Db 1200 TGCTGTCAAGGGCTCTAATCCAGGATGCCGATGGGAGCATGGATGGCAG 1259
Qy 1192 CCGGAGAGAACACTACAGAACCTACGGCTCCGGATGCCGAGGCTCTCTCTC 1251
Db 1260 CCCGAGAGAACACTACGGCTCCGGATGCCGAGGCTCTCTCTC 1319
Qy 1255 TACAGCAAGCTACCCGGAGAACAGAGGAGGAGCATGGCTCTCATGCTCC 1311
Db 1320 TATAGCAAGCTACCCGGAGAACAGAGGAGGAGCATGGCTCTCATGCTCC 1379
Qy 1312 GCGATGGATGAGGCTCTGCAACCAACTACAGAACGAGGCTCTCCCTCTGGGT 1371
Db 1380 GCGATGGATGAGGCTCTGCAACCAACTACAGAACGAGGCTCTCCCTCTGGGT 1439
Qy 1372 AAATGA 1377
Db 1440 AAATGA 1445

```

Result No.	Score	Query Match	Length	DB ID	Description
1	2437	100.0	458	4	US-09-773-877B-26
2	2399	98.4	458	4	US-09-773-877B-22
3	2261	92.8	433	4	US-09-773-877B-27
4	2069.5	84.9	455	4	US-09-773-877B-24
5	2049	84.1	462	4	US-09-773-877B-18
6	2038	83.6	452	4	US-09-773-877B-16
7	2015.5	82.7	567	4	US-09-773-877B-20
8	2014.5	82.7	567	4	US-09-773-877B-12
9	2003.5	82.2	557	4	US-09-773-877B-14
10	1304	53.5	680	3	US-08-227-496C-15
11	1280	52.5	497	4	US-09-499-846-6
12	1279.5	52.5	622	4	US-09-499-846-2
13	1275.5	52.3	910	4	US-09-313-942-28
14	1274.5	52.3	525	4	US-09-499-846-4
15	1269.5	52.1	488	4	US-09-499-846-12
16	1265	52.1	388	3	US-09-131-247-16
17	1269	52.1	388	4	US-09-784-623-16
18	1265	51.9	347	1	US-07-940-861-13
19	1265	51.9	347	1	US-08-459-512-43
20	1265	51.9	347	2	US-08-459-657-43
21	1265	51.9	347	3	US-08-460-132-43
22	1265	51.9	347	3	US-08-465-465-8
23	1265	51.9	347	4	US-09-730-465-8
24	25	51.9	347	5	PCT-US92-02050-43
25	1265	51.9	497	4	US-09-499-846-10
26	1261	51.7	459	1	US-08-157-101A-7
27	1259.5	51.7	525	4	US-09-499-846-8

Db 361 TLPPSRDELTKNOVSLTCLVKGKFPSDIAVENESENOPENNYKTPPPVLDSDGSFFLYSK 420  
 Qy 421 LTVDKSRWQOGNVECSWHEALHNHYTQKSLSLSPK 458  
 Db 421 LTVDKSRWQOGNVECSWHEALHNHYTQKSLSLSPK 458

RESULT 2  
 US-09-773-877B-22  
 ; Sequence 22, Application US/09773877B  
 ; Parent No. 6833349  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Xia, Yu-Ping et al.  
 ; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES  
 ; FILE REFERENCE: REG 710b  
 ; NUMBER OF SEQ ID NOS: 27  
 ; CURRENT FILING DATE: 2001-01-31  
 ; NUMBER OF SEQ ID NOS: 27  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO: 22  
 ; LENGTH: 458  
 ; TYPE: PRT  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Peptide  
 US-09-773-877B-27

Query Match Score 92.8%; Score 2261; DB 4; Length 431;  
 Best Local Similarity 99.1%; Pred. No. 7.5e-182;  
 Matches 428; Conservative 0; Mismatches 0; Indels 4; Gaps 2;

Qy 30 GRPFVEMYSBIEPELLEMTEGRELIVPCRTSPNITYTLLKKEPLDTLIPDGKRIWDSRKG 89  
 Db 1 GRPFVEMYSBIEPELLEMTEGRELIVPCRTSPNITYTLLKKEPLDTLIPDGKRIWDSRKG 60  
 Qy 90 FIISNATYKEIGLITCATEVNGHLYKTNLYTHRQNTIILVVLSPSHGTELSVGEKLVIN 149  
 Db 61 FIISNATYKEIGLITCATEVNGHLYKTNLYTHRQNTIILVVLSPSHGTELSVGEKLVIN 120  
 Qy 150 CTTARTELNYGIDENWEYSSKHOHKCLVNRDLKTKQSSEMCKFLSTLTDGVTRSDQGLY 209  
 Db 121 CTTARTELNYGIDENWEYSSKHOHKCLVNRDLKTKQSSEMCKFLSTLTDGVTRSDQGLY 180

Query Match Score 23.99; Score 2399; DB 4; Length 458;  
 Best Local Similarity 98.7%; Pred. No. 2e-193; Matches 455; Conservative 0; Mismatches 0; Indels 6; Gaps 2;

Qy 1 MVSYNTDGIVLALLSCLLGTGSSGSDTGRPFVEMYSBIEPELLEMTEGRELIVPCRTS 60  
 Db 1 MVSYNTDGIVLALLSCLLGTGSSGSDTGRPFVEMYSBIEPELLEMTEGRELIVPCRTS 57  
 Qy 61 PNITVTLKKEPLDTLIPDKRILWDSRKFIISNATYKEIGLITCATEVNGHLYKTNLYT 120  
 Db 58 PNITVTLKKEPLDTLIPDKRILWDSRKFIISNATYKEIGLITCATEVNGHLYKTNLYT 117  
 Qy 121 HRQNTTIDIVLSPSPHGIELSGEKLVNCTARTELNVGIDENMEYPSSSHQHCKLVRD 180  
 Db 118 HRQNTTIDIVLSPSPHGIELSGEKLVNCTARTELNVGIDENWEYPSSSHQHCKLVRD 177  
 Qy 181 LKTQSSSEMKKELSLTIDQVTRSDQGLYTCASSGIMTKENSTVYHEK -- DKTHTC 237  
 Db 178 LKTQSSSEMKKELSLTIDQVTRSDQGLYTCASSGIMTKENSTVYHEK 237

Query Match Score 23.99; Score 2399; DB 4; Length 458;  
 Best Local Similarity 98.7%; Pred. No. 2e-193; Matches 455; Conservative 0; Mismatches 0; Indels 6; Gaps 2;

Qy 238 PPCPAPBLLGCPSPVLFPPKPKDTLMSRTPVTCVYVVDPSHEDPEVKENWYDGVVEIN 297  
 Db 238 PPCPAPBLLGCPSPVLFPPKPKDTLMSRTPVTCVYVVDPSHEDPEVKENWYDGVVEIN 297

RESULT 4  
 US-09-773-877B-24  
 ; Sequence 24, Application US/09773877B  
 ; Patent No. 6833349  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Xia, Yu-Ping et al.  
 ; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES  
 ; FILE REFERENCE: REG 710b  
 ; CURRENT APPLICATION NUMBER: US/09/773-877B  
 ; NUMBER OF SEQ ID NOS: 27  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO: 24  
 ; LENGTH: 455  
 ; TYPE: PRT  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: F1t1D2.VGFR3D3.FcdeltaC1(a) Receptor

Qy 298 AKTPKPREEQYDNSTYRVSTLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISAKGQPREP 357  
 Db 298 AKTPKPREQYDNSTYRVSTLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISAKGQPREP 357  
 Qy 358 QVYTLPPSRDELTKNOVSLTCLVKGKFYPSDIAVENEWNGOPENNYKTPPPVLDSDGSFFL 417  
 Db 358 QVYTLPPSRDELTKNOVSLTCLVKGKFYPSDIAVENEWNGOPENNYKTPPPVLDSDGSFFL 417

Query Match Score 84.9%; Score 2069.5; DB 4; Length 455;  
 Best Local Similarity 85.7%; Pred. No. 1e-165;  
 Matches 395; Conservative 16; Mismatches 41; Indels 9; Gaps 3;

Qy 418 YSKLTVYDKSRWQGRNFSVCSVMEALHNHYTQKSLSLSPK 458  
 Db 418 YSKLTVYDKSRWQGRNFSVCSVMEALHNHYTQKSLSLSPK 458

RESULT 3  
 US-09-773-877B-27  
 ; Sequence 27, Application US/09773877B  
 ; Patent No. 6833349  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Xia, Yu-Ping et al.  
 ; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES  
 ; FILE REFERENCE: REG 710b  
 ; CURRENT APPLICATION NUMBER: US/09/773-877B

RESULT 5

US-09-773-877B-18

Query Match 84.1%; Score 2049; DB 4; Length 462;

Best Local Similarity 84.2%; Pred. No. 5.6e-16;

Matches 393; Conservative 13; Mismatches 47; Indels 14; Gaps 3;

Query 1 MVSYWDTGVLCAILSCLLTTGSSSGTSSGRPTEVMSIPEIIMTGRELVIPCRVTS 60

Db 1 MVSYWDTGVLCAILSCLLTTGSSSGTSSGRPTEVMSIPEIIMTGRELVIPCRVTS 60

Query 61 PNITVTLKKFPLDTLIPDGKRILCAILSCLLTTGSSSGTSSGRPTEVMSIPEIIMTGRELVIPCRVTS 60

Db 61 PNITVTLKKFPLDTLIPDGKRILCAILSCLLTTGSSSGTSSGRPTEVMSIPEIIMTGRELVIPCRVTS 60

Query 58 PNITVTLKKFPLDTLIPDGKRILCAILSCLLTTGSSSGTSSGRPTEVMSIPEIIMTGRELVIPCRVTS 57

Db 58 PNITVTLKKFPLDTLIPDGKRILCAILSCLLTTGSSSGTSSGRPTEVMSIPEIIMTGRELVIPCRVTS 57

Query 121 HRQNTTIDVLSPLSPHGIELSVGEKLVLNCTARTELVWIDENWEPSKHOHKKLVNRD 180

Db 121 HRQNTTIDVLSPLSPHGIELSVGEKLVLNCTARTELVWIDENWEPSKHOHKKLVNRD 180

Query 118 HRQNTTIDVQSLPRTPLRQSLRHTLVLNCTATPLNTRVQNTWSYDDEKRNARVER- 176

Db 118 HRQNTTIDVQSLPRTPLRQSLRHTLVLNCTATPLNTRVQNTWSYDDEKRNARVER- 176

Query 181 LKTOGSMEMKKFSLSTLTDGVTRSDQGYTCASSGLMTRKNTSTFVREHEK- 231

Db 181 LKTOGSMEMKKFSLSTLTDGVTRSDQGYTCASSGLMTRKNTSTFVREHEK- 231

Query 177 -IQQSNSHANIFYSVLTDKMQNDK3JYTCRVSQPFKSYNTSYHIDKGPGEPKSC 235

Db 177 -IQQSNSHANIFYSVLTDKMQNDK3JYTCRVSQPFKSYNTSYHIDKGPGEPKSC 235

Query 232 DKHTTCPCPAPBLLGCPSPVLFPPKPKDTLMISRPEVTCVYDVSHEDEPKFNYVD 291

Db 226 DKHTTCPCPAPBLLGCPSPVLFPPKPKDTLMISRPEVTCVYDVSHEDEPKFNYVD 285

Query 292 GVEVNAKTKPREEQTNSTYRVSVTLHQDWLNGKEYKCKVSKNLPAPLEKTISAK 351

Db 292 GVEVNAKTKPREEQTNSTYRVSVTLHQDWLNGKEYKCKVSKNLPAPLEKTISAK 351

Query 352 GQPREQVYTLPPSRLDELTKNQVSLCLVKGRFPPSDIAWEVSNGOPENNYKTTPPVLDs 411

Db 352 GQPREQVYTLPPSRLDELTKNQVSLCLVKGRFPPSDIAWEVSNGOPENNYKTTPPVLDs 411

Query 356 GQPREQVYTLPPSRLDELTKNQVSLCLVKGRFPPSDIAWEVSNGOPENNYKTTPPVLDs 415

Db 356 GQPREQVYTLPPSRLDELTKNQVSLCLVKGRFPPSDIAWEVSNGOPENNYKTTPPVLDs 415

Query 412 DGSFPLFLYSLKLTVDKSRMKGQNYFSCSYMHEALHNHYTOKSLSLSPGK 458

Db 412 DGSFPLFLYSLKLTVDKSRMKGQNYFSCSYMHEALHNHYTOKSLSLSPGK 458

Query 416 DGSFPLFLYSLKLTVDKSRMKGQNYFSCSYMHEALHNHYTOKSLSLSPGK 462

Db 416 DGSFPLFLYSLKLTVDKSRMKGQNYFSCSYMHEALHNHYTOKSLSLSPGK 462

RESULT 6

US-09-773-877B-16

Query Match 83.6%; Score 2038; DB 4; Length 452;

Best Local Similarity 83.9%; Pred. No. 4.6e-163;

Matches 392; Conservative 10; Mismatches 41; Indels 24; Gaps 3;

Query 1 MVSYWDTGVLCAILSCLLTTGSSSGTSSGRPTEVMSIPEIIMTGRELVIPCRVTS 60

Db 1 MVSYWDTGVLCAILSCLLTTGSSSGTSSGRPTEVMSIPEIIMTGRELVIPCRVTS 60

Query 1 MVSYWDTGVLCAILSCLLTTGSSSGTSSGRPTEVMSIPEIIMTGRELVIPCRVTS 57

Db 1 MVSYWDTGVLCAILSCLLTTGSSSGTSSGRPTEVMSIPEIIMTGRELVIPCRVTS 57

Query 61 PNITVTLKKFPLDTLIPDGKRILWDSRKGFITISNATYKEIGLTCAEVNGHLYKTNLT 120

Db 58 PNITVTLKKFPLDTLIPDGKRILWDSRKGFITISNATYKEIGLTCAEVNGHLYKTNLT 117

Query 121 HRQNTTIDVVLSPHGIELSVGEKLVLNCTARTELVWIDENWEPSKHOHKLVNRD 180

Db 118 HRQNTTIDVQSLPRTPLRQSLRHTLVLNCTATPLNTRVQNTWSYD-----D 165

Query 181 LKTOGSEMMKKPLSLTLDGVTRSDQGLYTCAASSGLMTKNSTFYRHEK----- 231

Db 166 BJDQSNSHANIFYSVLTDKMQNDK3JYTCRVSQPFKSYNTSYHIDKGPGEPKSC 225

Query 232 DKHTTCPCPAPBLLGCPSPVLFPPKPKDTLMISRPEVTCVYDVSHEDEPKFNYVD 291

Query 292 GVEVNAKTKPREEQTNSTYRVSVTLHQDWLNGKEYKCKVSKNLPAPLEKTISAK 351

Db 286 GVEVNAKTKPREEQTNSTYRVSVTLHQDWLNGKEYKCKVSKNLPAPLEKTISAK 345

Query 352 GQPREQVYTLPPSRLDELTKNQVSLCLVKGRFPPSDIAWEVSNGOPENNYKTTPPVLDs 411

Db 346 GQPREQVYTLPPSRLDELTKNQVSLCLVKGRFPPSDIAWEVSNGOPENNYKTTPPVLDs 405

Query 412 DGSFPLFLYSLKLTVDKSRMKGQNYFSCSYMHEALHNHYTOKSLSLSPGK 458

Db 406 DGSFPLFLYSLKLTVDKSRMKGQNYFSCSYMHEALHNHYTOKSLSLSPGK 458

Query 232 DKHTTCPCPAPBLLGCPSPVLFPPKPKDTLMISRPEVTCVYDVSHEDEPKFNYVD 291



FEATURE: OTHER INFORMATION: P1t1 (1-3 deltaB) -Fc (Mut1)

US-09-773-B7B-14

Query Match Score 2003.5; DB 4; Length 557;

Best Local Similarity 69.4%; Prd. No. 4.9e-160;

Matches 395; Conservative 10; Mismatches 41; Indels 123; Gaps 3;

Qy 1 MYSYWDTCVLLCALLSCLLTTGSSSG- 26

Db 1 MYSYWDTCVLLCALLSCLLTTGSSGSKLKDPELSLKGTQHIMQAGOTLHQCRGEAAHK 60

Qy 27 26

Db 61 WSLPEMVSKESERLISITYSACGRNGKOFCSLTTLNTAQANHTGFSCKYLAVENTSKKKET 120

Qy 27 26

Db 121 ESAIYIFFSDTGRPFVEMYSEIPEIITMTEGRELVIRCRVTSPIVTLKKFPFLDTLIPD 78

Db 181 GRRIIWDSRKGFISNATYKEIGLILCATVNGHLKYKTNYLTHQNTIDVQ1STPRTV 240

Qy 79 GRRIIWDSRKGFISNATYKEIGLILCATVNGHLKYKTNYLTHQNTIDVQ1STPRTV 138

Db 181 GRRIIWDSRKGFISNATYKEIGLILCATVNGHLKYKTNYLTHQNTIDVQ1STPRTV 240

Qy 139 ELSVGKELVNLNCTARTELNVGKPNSSKHQHKKKLVNRDLKTSOSSEMKKFLSTLTI 198

Db 241 KLLRGHTLVLNCTATTATPANTRQVMTWSP-----DEIDOSNSHANIFYVLT 288

Qy 199 DGVTRSDQGGLYTCAASSGLMTKKNSTFVYHEK-----DKHTHTCPCPAPAEILGGP 249

Db 289 DRMQNKDQGLYTCRVRSGPSFVSNTVSHIVDKGCEPKSCDKTHTCPCPAPAEILGGP 348

Qy 250 SVLFPPKPKDQTLMSITPBTVCVWDVSHDPEVKENWYDGVETHNAKTKPREFQYNS 309

Db 349 SVLFPPKPKDQTLMSITPBTVCVWDVSHDPEVKENWYDGVETHNAKTKPREFQYNS 408

Qy 310 TYRVSVSLTVLHQDWLNGKEYKCKVSNKALPAPIETKISAKGQPREPQYTLPPSRDEL 369

Db 409 TYRVSVSLTVLHQDWLNGKEYKCKVSNKALPAPIETKISAKGQPREPQYTLPPSRDEL 468

Qy 370 TKNQVSLTCLVKGFYPSDIAVEWESNGQOPENNYKTPPPVLDSDGSFLYSLCKLTVDKSRWQ 429

Db 469 TKNQVSLTCLVKGFYPSDIAVEWESNGQOPENNYKTPPPVLDSDGSFLYSLCKLTVDKSRWQ 528

Qy 430 QGNVFSCSVMHEALHNYTOKSLSLSPGK 458

Db 529 QGNVFSCSVMHEALHNYTOKSLSLSPGK 557

RESULT 10

US-08-227-496C-15

Sequence 15, Application US/08227496C

Patent No. 6,130,202

GENERAL INFORMATION:

APPLICANT: Greve, Jeffrey M.

APPLICANT: McClelland, Alan

TITLE OF INVENTION: Multimeric Forms of Human

NUMBER OF SEQUENCES: 20

CORRESPONDENCE ADDRESS:

ADDRESS: Bayer Corporation

STREET: 400 Morgan Lane

CITY: West Haven

STATE: Connecticut

COUNTRY: USA

ZIP: 06516

COMPUTER READABLE FORM:

COMPUTER: Dell OptiPlex GX1

OPERATING SYSTEM: Windows 95

SOFTWARE: WordPerfect 8.0 for Windows

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/227,496C

RESULT 11

US-08-499-846-6

Sequence 6, Application US/09499846

Patent No. 6656728

FILING DATE: 04/14/94

CLASSIFICATION: 514

PRIOR APPLICATION NUMBER: 07/903,069

APPLICATION NUMBER: 06/2/92

FILING DATE: 07/24/91

APPLICATION NUMBER: 05/24/91

FILING DATE: 07/20/90

ATTORNEY/AGENT INFORMATION:

NAME: Barbara A. Shime

REGISTRATION NUMBER: 29,862

REFERENCE/DOCKET NUMBER: MTI 214.2C

TELECOMMUNICATION INFORMATION:

TELEPHONE: (203) 812-2786

TELEFAX: (203) 812-5492

INFORMATION FOR SEQ ID NO: 15:

SEQUENCE CHARACTERISTICS:

LENGTH: 680 amino acid residues

TYPE: amino acids

TOPOLOGY: linear

MOLECULE TYPE:

DESCRIPTION: protein

HYPOTHETICAL: no

FRAGMENT TYPE: complete sequence

FEATURE: EICAM(185)/IGG fusion protein

NAME/KEY: EICAM(185)/IGG fusion protein

OTHER INFORMATION: amino acid residues 1-453 =

OTHER INFORMATION: amino acid residues 454-680 = amino acid residues 1-453; amino acid residues 454-680 = amino acid residues 216-442 of human IgG1 heavy chain

US-08-227-496C-15

Query Match

Best Local Similarity 60.6%; Pred. No. 4.4e-101;

Matches 281; Conservative 30; Mismatches 89; Indels 64; Gaps 15;

Qy 15 LSCLLITGSSGGSDFDGRPFVEMYS-EIPEI-----HMTEGRELVIPCRTVSPNITVTLKK 69

Db 261 LTCAVILGNSQETL-QTVTIPSAPPNVLTKPEVSEGTEVTKCE-AHPRAVKTV 317

Qy 70 FPLDPLIPDKRIMDSRKGPFLISNATYKEIG-LITCEATVNGHLKYKTNYLTHQNTII 128

Db 318 VPAQPGP-----RQLLMLATPEENGSSCSAT---LEVAGOLIHKNQTREL 363

Qy 129 DVVLSPSHGGIELSYGEBKLVLNCTARTELANGIDFNPWEYPSKSHQHKKLYNDRLLKQSSE 188

Db 364 RVLQGP-----RLER---DCPG-----NWTWPPNSQQTP-----MCQAWGN 397

Qy 189 MKKFLSTLTDG-----VTRSDQGGLYTCIASS--GLMTKKNSTFV-RVHEKDT 234

Db 398 PLPSRKLK-DGTFPLPIGESEVTRDLCETLARSTGEVTRKTVNVLSPREYDKT 456

Qy 235 HTCPCPAPELLGGSVFLPPKPKDLMISRTPPVTCVWDVSHDPEVKFNWVTDGVE 294

Db 457 HTCPCPAPELLGGSVFLPPKPKDLMISRTPPVTCVWDVSHDPEVKFNWVTDGVE 516

Qy 295 VHNATKTPREQNSTYRVSVSLTVLHQDWLNGKEYKCKVSNKALPAPIETKTSKAKGQP 354

Db 517 VHNATKTPREQNSTYRVSVSLTVLHQDWLNGKEYKCKVSNKALPAPIETKTSKAKGQP 576

Qy 355 REPQQYTLPPSRDELTKNOVSLTCLVKGFYPSDIAVEWESNGOPENNYKTPPPVLDSDGS 414

Db 577 REPQQYTLPPSRDELTKNOVSLTCLVKGFYPSDIAVEWESNGOPENNYKTPPPVLDSDGS 636

Qy 415 FFLYSKLTVDKSRWQGQNYFSCSYMHEALHNYTOKSLSLSPGK 458

Db 637 FFLYSKLTVDKSRWQGQNYFSCSYMHEALHNYTOKSLSLSPGK 680

GENERAL INFORMATION:

APPLICANT: Kavanagh et al.

TITLE OF INVENTION: FIBROBLAST GROWTH FACTOR

FILE REFERENCE: 035784/195012 (5784-5)

CURRENT APPLICATION NUMBER: US/09/199,846

CURRENT FILING DATE: 2000-02-07

NUMBER OF SEQ ID NOS: 12

SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO: 6

LENGTH: 497

TYPE: PRT

ORGANISM: Homo sapiens

US-09-499-846-6

Query Match 52.5%; Score 1280; DB 4; Length 497;

Best Local Similarity 54.3%; Pred. No. 2.9e-99; Mismatches 32; Indels 98; Gaps 12;

Matches 284; Conservative 32; Mismatches 109; Indels 98; Gaps 12;

Query 5 WDTGVLICALLSCLLTTGSSGSDTGRPFYEMVYSEPIEIIHMPGRFLVIPCRVT-----

Db 4 WKCCLFLNAVLVTATLCTARPSPTLPEQV-VAPYNTSPE--KMEKKLHHAAPAAKTYKFKC 59

Query 60 ---SPNITVLLKKFPLDTPGKLIWSDR-KCFIISNATYKEI-----GLITC 105

Db 60 PSSGTPNTEPNTLRLWKL-----NGKEFKPDRIGKVKYVATATSIIMDSVPSDKGRYTC 111

Query 106 ----EATVNGHLYKINYLTHRQNTNTIDVVLSPSHGIELSVGEKLVLNCTARTELNVGI 160

Db 112 IVENEYGSIN-HTYQ-----LPANKTVALGSNV 154

Query 161 DFNWYPEPSSKHOHKLYN-----RDLTQSGSEMKEPLSTTIDGVTR 203

Db 155 EFMCKVSDPQPHIOLKHIEYNGSKIGDPNLQVILKTAGVNTTDKEMEVTHLRNVSF 214

Query 204 SDQOLYTCAASSGIMTRKNSTPFRYHEK-----DKTH 235

Db 215 EDABEYTCIAGNSGIGLSSHSAWLTVEALEBEPAYNTSPYLLEGSPSPQLEPKSCDTH 274

Query 236 TCPPOPAPLLGSPVLFPPPKDLMISRTPEVTCVWDVSHBDPEVFKENRYVDGVEV 295

Db 275 TCPPOPAPLLGSPVLFPPPKDLMISRTPEVTCVWDVSHBDPEVFKENRYVDGVEV 334

Query 296 HNAKTKPREQNSTYRVSVLTVLHDWLNKEYTCKSKNKLAPLIEKTISKAKGPR 355

Db 335 HNAKTKPREQNSTYRVSVLTVLHDWLNKEYTCKSKNKLAPLIEKTISKAKGPR 394

Query 356 EPOVYTLPPSRDELTKNOVSLTCLVKGFYPSDIAVWESQOPENNYKTPVLDSDGSF 415

Db 395 EPOVYTLPPSRDELTKNOVSLTCLVKGFYPSDIAVWESQOPENNYKTPVLDSDGSF 454

Query 416 FLYSLTIVDKSRWQGNTYFCSTMHEALHNHTQKSLSLSPGK 458

Db 455 FLYSLTIVDKSRWQGNTYFCSTMHEALHNHTQKSLSLSPGK 497

RESULT 12

US-09-499-846-2

Sequence 2, Application US/0949846

Patent No. 6556728

GENERAL INFORMATION:

APPLICANT: Kavanagh et al.

TITLE OF INVENTION: FIBROBLAST GROWTH FACTOR

FILE REFERENCE: 035784/195012 (5784-5)

CURRENT APPLICATION NUMBER: US/09/499,846

CURRENT FILING DATE: 2000-02-07

NUMBER OF SEQ ID NOS: 12

SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO: 2

LENGTH: 622

TYPE: PRT

ORGANISM: Homo sapiens

Query Match 52.5%; Score 1275.5; DB 4; Length 910;

Best Local Similarity 62.5%; Pred. No. 1.7e-98; Mismatches 77; Indels 29; Gaps 9;

Matches 257; Conservative 42;

QY 78 DGKRIIWDs-----RKGFIIISNATYKEIGLITCEA--TVNGHILYK---TNYLTHRTN 125  
 Db 511 DCKPILIDNHFSGYKDKRILIVMAYAACKIRGNYTCHASTYTLGKQYPIRTRVIEFTILENK 570

QY 126 TIDVVLSPH-GIELSGEKLVNLNCARTELANGIDFWEYPSKSHQHKKLVNRLDITQ 184  
 Db 571 PTRPVIVSPANETMVEVDLGSQIQLCIVNTGQLSDIAYKWN-GSVIDDDPVLGEDYYSV 629

QY 185 SGSENIKKFLSTLTDGVTTSRDOGly----TCAAS-GLMTRKNSITFTRV----HEDK 233  
 Db 630 ENPANKRKRSLTIVLNISETESRFSYKHPFTCAFNAKTHG----DAAYQLIYPVNTSSNSDK 685

QY 234 THTCPCCPAPELLGSPSPVLFPPKPKDLMISRTPETCYVWDVSHEDPEVKENNWYDGV 293  
 Db 686 THTCPCCPAPELLGSPSPVLFPPKPKDLMISRTPETCYVWDVSHEDPEVKENNWYDGV 745

QY 294 EVHNAKTKRKEQYQNSTYRVSVLTVLHODWLNGKEYCKVSNKALPAPIEKTIKAKGQ 353  
 Db 746 EVHNAKTKRKEQYQNSTYRVSVLTVLHODWLNGKEYCKVSNKALPAPIEKTIKAKGQ 805

QY 354 PREQVYTLPPSRLTQNQVSLTCLVKGFPYPSDIAVEMESNGOPENNYKTTTPVLDSDG 413  
 Db 806 PREQVYTLPPSREMTMRQVSLTCLVKGFPYPSDIAVEMESNGOPENNYKTTTPVLDSDG 865

QY 414 SFFLYSKLTVDKSRWQGQNVFSCSYVMHEALTHNHYTQKSLSLSPGK 458  
 Db 866 SFFLYSKLTVDKSRWQGQNVFSCSYVMHEALTHNHYTQKSLSLSPGK 910

RESULT 15  
 US-09-499-846-12

QY 5 WDTRGVLICALLSLLTGTSSGSDTGRPFVEMSEIPEIINHGRFLVIPCRVT-----59  
 Db 4 WKLCLFWAVLVTATLCTARPSPPLPEQ-VAPWTSPE--KMEKUHHAAPAKTVKFKC 59

QY 5 SPNTVTLKKFPLDTLIPDGKRIIWDSR-KGFIISNATYKEI-----GLITC 105  
 Db 60 PSSGTNPNTLRLMK-----NGKEFPDHRIGGYKVRATWSIMDSVWPSDKGNYTC 111

QY 60 CURRENT APPLICATION NUMBER: US/09/499,846  
 Db 60 NUMBER OF SEQ ID NOS: 12  
 Software: FastSEQ for Windows Version 3.0  
 SEQ ID NO 4  
 LENGTH: 525  
 TYPE: PRT  
 ORGANISM: Homo sapiens  
 US-09-499-846-12

Query Match 52.1%; Score 1269.5; DB 4; Length 488;  
 Best Local Similarity 54.9%; Pred. No. 62e-98;  
 Matches 282; Conservative 32; Mismatches 111; Indels 89; Gaps 12;

QY 5 SPNTVTLKKFPLDTLIPDGKRIIWDSR-KGFIISNATYKEI-----GLITC 105  
 Db 60 PSSGTNPNTLRLMK-----NGKEFPDHRIGGYKVRATWSIMDSVWPSDKGNYTC 111

QY 60 CURRENT APPLICATION NUMBER: US/09/499,846  
 Db 60 NUMBER OF SEQ ID NOS: 12  
 Software: FastSEQ for Windows Version 3.0  
 SEQ ID NO 4  
 LENGTH: 525  
 TYPE: PRT  
 ORGANISM: Homo sapiens  
 US-09-499-846-14

RESULT 14  
 US-09-499-846-4

QY 1 Sequence 4, Application US/09499846  
 Db 1 Patent No. 6656728

QY 1 GENERAL INFORMATION:  
 APPLICANT: Kavanaugh et al.  
 TITLE OF INVENTION: RECEPTOR-IMMUNOGLOBULIN FUSION  
 FILE REFERENCE: 035784/195012 (5784-0012)  
 CURRENT FILING DATE: 2000-02-07  
 NUMBER OF SEQ ID NOS: 12  
 SOFTWARE: FastSEQ for Windows Version 3.0  
 SEQ ID NO 4  
 LENGTH: 525  
 TYPE: PRT  
 ORGANISM: Homo sapiens  
 US-09-499-846-4

Query Match 52.3%; Score 1274.5; DB 4; Length 525;  
 Best Local Similarity 59.0%; Pred. No. 9.2e-99; Mismatches 78; Indels 85; Gaps 9;  
 Matches 271; Conservative 25; Mismatches 78; Indels 85; Gaps 9;

QY 60 SPNTVTLKKFPLDTLIPDGKRIIWDSR-KGFIISNATYKEI-----GLITC 105  
 Db 92 TNPTLRLMK-----NGKEFPDHRIGGYKVRATWSIMDSVWPSDKGNYTC1VEN 143

QY 106 -EATVNGHILYKTNYLTHROTNTIDVVSPSHGEIPLSGERLVLNCTPARTELNGIDENW 164  
 Db 144 EYGSIN-HTYQ-----LDVVERSPHRPILQAG--LPANKTVALGSNVEMC 186

QY 165 EYPSKQHOKKKLYN-----RDLKTKQGSEMMKKFLSTLTDGVTRSDQ 207  
 Db 187 KVTSQDPQHIIQWLKHIENGSKIGPDNLPVQQLKTAGNTTDKEMEVHLRNVSF 246

QY 208 LYTCAGASGLMTKKNSTFPRVHEK-----DKHTTCPP 239  
 Db 247 EYTCAGNSIGLSHHSANLTVLEALEERPAVMTSPLYLEGSGSPGLQEPKSCDDKHTCPP 306

QY 240 CPAPELLGSPSVLFPPKPKDLMISRPEVTCVVWDVSHEDPEVKFNWYDGVEMNAK 299  
 Db 307 CPAPELLGSPSVLFPPKPKDLMISRPEVTCVVWDVSHEDPEVKFNWYDGVEMNAK 366

QY 300 TKPREEQYNSTYRVSVLTVLHODWLNGKEYCKVSNKALPAPIEKTIKAKGQPREPOV 359  
 Db 367 TKPREEQYNSTYRVSVLTVLHODWLNGKEYCKVSNKALPAPIEKTIKAKGQPREPOV 426

QY 360 YTLPSPRDELTKNQVSLTCLVKGFPYPSDIAVEMESNGOPENNYKTTTPVLDSDGSPFLYS 419  
 Db 427 YTLPSPRDELTKNQVSLTCLVKGFPYPSDIAVEMESNGOPENNYKTTTPVLDSDGSPFLYS 486

QY 420 KLTVDKSRWQGQNVFSCSYVMHEALTHNHYTQKSLSLSPGK 458  
 Db 487 KLTVDKSRWQGQNVFSCSYVMHEALTHNHYTQKSLSLSPGK 525

QY 455 KSRWQQNVFSCSYVMHEALTHNHYTQKSLSLSPGK 488



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GenCore version 5.1.6

November 2, 2005, 21:03:33 ; Search time 170 Seconds  
(without alignments)

1126.257 Million cell updates/sec

file: US-10-009-852-16

Score: 2437

Sequence: 1 MVSYWDTGVLLCALLSCLLH.....MHEALHNHYTQKSLSISSPGK 458

Scoring table: BLOSUM62

Gapopen 10.0 , Gapext 0.5

Scarched: 1865214 seqs, 418043040 residues

Total number of hits satisfying chosen parameters: 1865214

minimum DB seq length: 0

maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Listing first 45 summaries

Published Applications AA.\*

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3: /cgn2\_6/ptodata/2/pubpaa/US06\_NEW\_PUB\_pep:\*

4: /cgn2\_6/ptodata/2/pubpaa/US06\_PUBCOMB.pep:\*

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20: /cgn2\_6/ptodata/2/pubpaa/US11\_NEW\_PUB\_pep:\*

21: /cgn2\_6/ptodata/2/pubpaa/US60\_NEW\_PUB\_pep:\*

22: /cgn2\_6/ptodata/2/pubpaa/US60\_PUBCOMB.pep:\*

RESULT 1  
US-09-773-877A-26

; Sequence 26, Application US/09773877A  
; Publication No. US20030017977A1  
; GENERAL INFORMATION:  
; APPLICANT: Xia, Yu-Ping et al.  
; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES  
; FILE REFERENCE: REG 710b  
; CURRENT APPLICATION NUMBER: US/09-773-877A-14  
; CURRENT FILING DATE: 2001-01-31  
; NUMBER OF SEQ ID NOS: 27  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO: 26  
; LENGTH: 458

; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: VEGFR1R2-FcDeltaC1 (a) Receptor

US-09-773-877A-26

Query Match 100 %; Score 2437; DB 10; Length 458;  
Best Local Similarity 100 %; Pred. No. 3.6e-152; Mismatches 0; Indels 0; Gaps 0;

ALIGMENTS

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the total score distribution, and is derived by analysis of the analysis of the total score distribution.

SUMMARIES

Score No.	Query Length	Match Length	DB ID	Description
1	2437	100.0	458	US-09-773-877A-26
2	2437	100.0	458	Sequence 26, Appl
3	2437	100.0	458	Sequence 10, Appl
4	2437	100.0	458	Sequence 2, Appl
5	2437	100.0	458	Sequence 2, Appl
6	2437	100.0	458	Sequence 10, Appl
7	2437	100.0	458	Sequence 16, Appl
8	2437	100.0	458	Sequence 4, Appl
9	2437	100.0	458	Sequence 4, Appl
10	2437	100.0	458	Sequence 2, Appl
11	2437	100.0	458	Sequence 2, Appl
12	2437	100.0	458	Sequence 12, Appl
13	2437	100.0	458	Sequence 2, Appl
14	2437	100.0	458	Sequence 17, Appl
15	2437	100.0	458	Sequence 17, Appl
16	2437	100.0	458	Sequence 17, Appl
17	2437	100.0	458	Sequence 17, Appl
18	2437	100.0	458	Sequence 17, Appl
19	2437	100.0	458	Sequence 17, Appl
20	2437	100.0	458	Sequence 17, Appl
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27	2437	100.0	458	Sequence 17, Appl
28	2437	100.0	458	Sequence 17, Appl
29	2437	100.0	458	Sequence 17, Appl
30	2437	100.0	458	Sequence 17, Appl
31	2437	100.0	458	Sequence 17, Appl
32	2437	100.0	458	Sequence 17, Appl
33	2437	100.0	458	Sequence 17, Appl
34	2437	100.0	458	Sequence 17, Appl
35	2437	100.0	458	Sequence 17, Appl
36	2437	100.0	458	Sequence 17, Appl
37	2437	100.0	458	Sequence 17, Appl
38	2437	100.0	458	Sequence 17, Appl
39	2437	100.0	458	Sequence 17, Appl
40	2437	100.0	458	Sequence 17, Appl
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42	2437	100.0	458	Sequence 17, Appl
43	2437	100.0	458	Sequence 17, Appl
44	2437	100.0	458	Sequence 17, Appl
45	2437	100.0	458	Sequence 17, Appl

RESULT 2  
US-09-773-877A-26

; Sequence 26, Application US/09773877A  
; Publication No. US20030017977A1  
; GENERAL INFORMATION:  
; APPLICANT: Xia, Yu-Ping et al.  
; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES  
; FILE REFERENCE: REG 710b  
; CURRENT APPLICATION NUMBER: US/09-773-877A-14  
; CURRENT FILING DATE: 2001-01-31  
; NUMBER OF SEQ ID NOS: 27  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO: 26  
; LENGTH: 458

; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: VEGFR1R2-FcDeltaC1 (a) Receptor

US-09-773-877A-26

Db 121 HRQNTNTIIVVLSPSHGIELSVPKIDNWTNLCKTARTELNVGIDENWEPYSSHQQHKKLVNND 180  
 Qy 181 LKTOGSEMKKFLSLTLDGVTSTSOGLYTCASSGMLTKNSTRVHEKDTHTCPC 240  
 Db 181 LKTOGSEMKKFLSLTLDGVTSTSOGLYTCASSGMLTKNSTRVHEKDTHTCPC 240  
 Qy 241 PAPELGGPSVFLPPKPKDLMISRPTEVTCVVDVSHEDPEVKFNWTGVEVHNAKT 300  
 Db 241 PAPELGGPSVFLPPKPKDLMISRPTEVTCVVDVSHEDPEVKFNWTGVEVHNAKT 300  
 Qy 301 KPREEQNNTYRVSVLTVLHODWLCKEYKCKVSNKALPAPIEKTISAKGQPREPOY 360  
 Db 301 KPREEQNNTYRVSVLTVLHODWLCKEYKCKVSNKALPAPIEKTISAKGQPREPOY 360  
 Qy 361 TLPPSRDLETKNOVSITCLVKGFPYPSDIAVEMESQOPENNYKTPPPVLDSDGSFFLYSK 420  
 Db 361 TLPPSRDLETKNOVSITCLVKGFPYPSDIAVEMESQOPENNYKTPPPVLDSDGSFFLYSK 420  
 Qy 421 LTVDKSRWQOGNNTYRVSCLVMSHEALTHNHYTQKSLSLSPGK 458  
 Db 421 LTVDKSRWQOGNNTYRVSCLVMSHEALTHNHYTQKSLSLSPGK 458

RESULT 3  
 US-10-860-958-2  
 ; Sequence 2, Application US/10660958  
 ; Publication No. US2004026530941

GENERAL INFORMATION:  
 ; APPLICANT: Kandell, Jessica  
 ; APPLICANT: Holash, Jocelyn  
 ; APPLICANT: Yamashiro, Darren L  
 ; APPLICANT: Huang, Jianzhong  
 ; APPLICANT: Vancopoulos, George  
 ; APPLICANT: Rudge, John  
 ; TITLE OF INVENTION: Method of Tumor Regression with VEGF  
 ; TITLE OF INVENTION: Inhibitors  
 ; FILE REFERENCE: REG 714A  
 ; CURRENT APPLICATION NUMBER: US/10/860,958  
 ; CURRENT FILING DATE: 2004-06-04  
 ; PRIORITY NUMBER: 60/476,425  
 ; PRIORITY FILING DATE: 2003-06-06  
 ; NUMBER OF SEQ ID NOS: 2  
 ; SOFTWARE: FastSEQ for Windows Version 4.0  
 ; SEQ ID NO: 2  
 ; LENGTH: 458  
 ; TYPE: PRT  
 ; ORGANISM: homo sapiens  
 US-10-860-958-2

Query Match 100.0%; Score 2437; DB 16; Length 458;  
 Best Local Similarity 100.0%; Pred. No. 3.6e-152; Indels 0; Gaps 0;  
 Matches 458; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 1 MVSYNDTGVLCAALLSCULLTGSSGSDTGRPEVEMYSEPEIIMTEGPELVLPCRVTS 60  
 Qy 1 MVSYNDTGVLCAALLSCULLTGSSGSDTGRPEVEMYSEPEIIMTEGPELVLPCRVTS 60  
 Db 61 PNITVTLKKPLDPLIPDGKRILWDSRKGFISNATYKEIGLTCBATVHLYKTNYL 120  
 Qy 61 PNITVTLKKPLDPLIPDGKRILWDSRKGFISNATYKEIGLTCBATVHLYKTNYL 120  
 Db 61 PNITVTLKKPLDPLIPDGKRILWDSRKGFISNATYKEIGLTCBATVHLYKTNYL 120  
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 Db 121 HRQNTNTIIVVLSPSHGIELSVPKIDNWTNLCKTARTELNVGIDENWEPYSSHQQHKKLVNND 180  
 Qy 181 LKTOGSEMKKFLSLTLDGVTSTSOGLYTCASSGMLTKNSTRVHEKDTHTCPC 240  
 Db 181 LKTOGSEMKKFLSLTLDGVTSTSOGLYTCASSGMLTKNSTRVHEKDTHTCPC 240  
 Qy 241 PAPELGGPSVFLPPKPKDLMISRPTEVTCVVDVSHEDPEVKFNWTGVEVHNAKT 300  
 Db 241 PAPELGGPSVFLPPKPKDLMISRPTEVTCVVDVSHEDPEVKFNWTGVEVHNAKT 300  
 Qy 301 KPREEQNNTYRVSVLTVLHODWLCKEYKCKVSNKALPAPIEKTISAKGQPREPOY 360  
 Db 301 KPREEQNNTYRVSVLTVLHODWLCKEYKCKVSNKALPAPIEKTISAKGQPREPOY 360  
 Qy 361 TLPPSRDLETKNOVSITCLVKGFPYPSDIAVEMESQOPENNYKTPPPVLDSDGSFFLYSK 420  
 Db 361 TLPPSRDLETKNOVSITCLVKGFPYPSDIAVEMESQOPENNYKTPPPVLDSDGSFFLYSK 420  
 Qy 421 LTVDKSRWQOGNNTYRVSCLVMSHEALTHNHYTQKSLSLSPGK 458  
 Db 421 LTVDKSRWQOGNNTYRVSCLVMSHEALTHNHYTQKSLSLSPGK 458

Db 421 LTVDSRMRQGNYFSCSYMHEALHNHYTOKSLSLSPGK 458

RESULT 4

US-10-810-902-2

Sequence 2, Application US/10830902

Publication No. US20050004027A1

GENERAL INFORMATION:

APPLICANT: Stanley Wiegand

FILE REFERENCE: REG 713B

TITLE OF INVENTION: Method of Treating Corneal Transplant

CURRENT APPLICATION NUMBER: US/10/830,902

NUMBER OF SEQ ID NOS: 2

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 2

LENGTH: 458

TYPE: PRT

ORGANISM: homo sapiens

US-10-897-892-2

CURRENT FILING DATE: 2004-07-23

PRIOR APPLICATION NUMBER: 60/493,971

PRIOR FILING DATE: 2003-08-08

NUMBER OF SEQ ID NOS: 2

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 2

LENGTH: 458

TYPE: PRT

ORGANISM: homo sapiens

US-10-897-892-2

Query Match 100.0%; Score 2437; DB 17; Length 458;

Best Local Similarity 100.0%; Pred. No. 3.6e-152;

Matches 458; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 MWSYWDTCVLLCALLSCLLTSQSGSDTGRPVEWMSIEPEIHTMTEGRELVIPCRVTS 60

Qy 61 PNITVTLKKFPLDTPGKRITWDSRKGFIIISNATYKEIGLITCATEATVGHLYKNTYL 120

Db 61 PNITVTLKKFPLDTPGKRITWDSRKGFIIISNATYKEIGLITCATEATVGHLYKNTYL 120

Qy 121 HRONTTIDVVLSPSHGIELSVEGKLVLNCTARTELNGIDPNWYPSKQHOKLVLNRD 180

Db 121 HRONTTIDVVLSPSHGIELSVEGKLVLNCTARTELNGIDPNWYPSKQHOKLVLNRD 180

Qy 181 LKTQSGSEMKKFPLSTLTDGVTRSDQGLYTCAASGMLTKNSTFVRVHEDKHTCPC 240

Db 181 LKTQSGSEMKKFPLSTLTDGVTRSDQGLYTCAASGMLTKNSTFVRVHEDKHTCPC 240

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Db 241 PAPELGGPSVFLPPPKDPLTMSRPTPEVTCVVDVYSHEDPEVKWYDGVEVHNAKT 300

Qy 301 KPREQNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPLKTISKAKGQPREPQVY 360

Db 301 KPREQNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPLKTISKAKGQPREPQVY 360

Qy 361 TLPPSRDELTKNOVSLTLDGVTRSDQGLYTCAASSGMLTKNSTFVRVHEDKHTCPC 240

Db 361 TLPPSRDELTKNOVSLTLDGVTRSDQGLYTCAASSGMLTKNSTFVRVHEDKHTCPC 240

Qy 421 LTVDSRMRQGNYFSCSYMHEALHNHYTOKSLSLSPGK 458

Db 421 LTVDSRMRQGNYFSCSYMHEALHNHYTOKSLSLSPGK 458

RESULT 6

US-10-880-021-10

Sequence 10, Application US/10880021

Publication No. US20050043236A1

GENERAL INFORMATION:

APPLICANT: Daly, Thomas J.

APPLICANT: Pandl, James P.

APPLICANT: Papadopoulos, Nicholas J.

APPLICANT: Papadopoulos, Nicholas J.

TITLE OF INVENTION: VEGF Traps and Therapeutic Uses Thereof

FILE REFERENCE: RGE 7102

CURRENT APPLICATION NUMBER: US/10/880,021

CURRENT FILING DATE: 2004-06-29

PRIOR APPLICATION NUMBER: 10/609,775

PRIOR FILING DATE: 2003-06-30

NUMBER OF SEQ ID NOS: 29

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 10

LENGTH: 458

TYPE: PRT

ORGANISM: homo sapiens

US-10-880-021-10

Query Match 100.0%; Score 2437; DB 17; Length 458;

Best Local Similarity 100.0%; Pred. No. 3.6e-152;

Matches 458; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 MWSYWDTCVLLCALLSCLLTSQSGSDTGRPVEWMSIEPEIHTMTEGRELVIPCRVTS 60

Qy 61 PNITVTLKKFPLDTPGKRITWDSRKGFIIISNATYKEIGLITCATEATVGHLYKNTYL 120

Db 61 PNITVTLKKFPLDTPGKRITWDSRKGFIIISNATYKEIGLITCATEATVGHLYKNTYL 120

Qy 121 HRONTTIDVVLSPSHGIELSVEGKLVLNCTARTELNGIDPNWYPSKQHOKLVLNRD 180

Db 121 HRONTTIDVVLSPSHGIELSVEGKLVLNCTARTELNGIDPNWYPSKQHOKLVLNRD 180

Qy 181 LKTQSGSEMKKFPLSTLTDGVTRSDQGLYTCAASGMLTKNSTFVRVHEDKHTCPC 240

Db 181 LKTQSGSEMKKFPLSTLTDGVTRSDQGLYTCAASGMLTKNSTFVRVHEDKHTCPC 240

Qy 241 PAPELGGPSVFLPPPKDPLTMSRPTPEVTCVVDVYSHEDPEVKWYDGVEVHNAKT 300

Db 241 PAPELGGPSVFLPPPKDPLTMSRPTPEVTCVVDVYSHEDPEVKWYDGVEVHNAKT 300

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Db 301 KPREQNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPLKTISKAKGQPREPQVY 360

Qy 361 TLPPSRDELTKNOVSLTLDGVTRSDQGLYTCAASSGMLTKNSTFVRVHEDKHTCPC 420

Db 361 TLPPSRDELTKNOVSLTLDGVTRSDQGLYTCAASSGMLTKNSTFVRVHEDKHTCPC 420

Qy 421 LTVDSRMRQGNYFSCSYMHEALHNHYTOKSLSLSPGK 458

Db 421 LTVDSRMRQGNYFSCSYMHEALHNHYTOKSLSLSPGK 458

RESULT 5

US-10-897-802-2

Sequence 2, Application US/10887802

Publication No. US20050032699A1

GENERAL INFORMATION:

APPLICANT: Jocelyn Holash

APPLICANT: Robert Jaffe

APPLICANT: Limin Hu

APPLICANT: George D. Yancopoulos

TITLE OF INVENTION: Composition of a VEGF Antagonist and an Anti-Proliferative Agent

FILE REFERENCE: REG 715B

CURRENT APPLICATION NUMBER: US/10/897,802



QY 301 KPREEQNSTYRVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTIISAKGQPREPVY 360  
 Db 301 KPREEQNSTYRVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTIISAKGQPREPVY 360

QY 361 TLPPSRDELTKNOVSLTCLVKGFYPSDIAVEWESNGOPENNYKTPVLDSDGSFFLYSK 420  
 Db 361 TLPPSRDELTKNOVSLTCLVKGFYPSDIAVEWESNGOPENNYKTPVLDSDGSFFLYSK 420

QY 421 LTVDKSRWQQGNVFSCSVMEHALNHYTOKSLSLSPGK 458  
 Db 421 LTVDKSRWQQGNVFSCSVMEHALNHYTOKSLSLSPGK 458

RESULT 9  
 US-10-998-881-4  
 Sequence 4, Application US/10998881  
 Publication No. US20050196340A1  
 GENERAL INFORMATION:  
 APPLICANT: Jocelyn Holash  
 APPLICANT: George Yancopoulos  
 APPLICANT: Phyllis R. Wachberger  
 APPLICANT: Adam P. Dicker  
 APPLICANT: Randy Burd  
 TITLE OF INVENTION: Use of a VEGF Antagonist in Combination with Radiation Therapy  
 CURRENT APPLICATION NUMBER: US/10/998,881  
 CURRENT FILING DATE: 2004-11-29  
 PRIOR APPLICATION NUMBER: 10/909,011  
 PRIOR FILING DATE: 2004-07-30  
 PRIOR APPLICATION NUMBER: 60/492,864  
 PRIOR FILING DATE: 2003-08-06  
 NUMBER OF SEQ ID NOS: 4  
 SEQ ID NO 4  
 LENGTH: 458  
 TYPE: PRT  
 ORGANISM: homo sapiens  
 US-10-998-881-4

Query Match 100.0% Score 2437; DB-120; Length 458;  
 Best Local Similarity 100.0% Pred. No. 3.6e-152;  
 Matches 458; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MVSYNDTGVILCALLSCLLTGSSGSDTCRPFVEMYSRPEIHTMTCRELYIPCRVTS 60  
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QY 61 PNITVTLKKEPLDTLIPDGKR1WDSRGKFIISNATYKEIGLLTCEATVNGHLYKTNYL 120  
 Db 61 PNITVTLKKEPLDTLIPDGKR1WDSRGKFIISNATYKEIGLLTCEATVNGHLYKTNYL 120

QY 61 PNITVTLKKEPLDTLIPDGKR1WDSRGKFIISNATYKEIGLLTCEATVNGHLYKTNYL 120  
 Db 61 PNITVTLKKEPLDTLIPDGKR1WDSRGKFIISNATYKEIGLLTCEATVNGHLYKTNYL 120

QY 61 PNITVTLKKEPLDTLIPDGKR1WDSRGKFIISNATYKEIGLLTCEATVNGHLYKTNYL 120  
 Db 61 PNITVTLKKEPLDTLIPDGKR1WDSRGKFIISNATYKEIGLLTCEATVNGHLYKTNYL 120

QY 1 MVSYNDTGVILCALLSCLLTGSSGSDTCRPFVEMYSRPEIHTMTCRELYIPCRVTS 60  
 Db 1 MVSYNDTGVILCALLSCLLTGSSGSDTCRPFVEMYSRPEIHTMTCRELYIPCRVTS 60

QY 61 PNITVTLKKEPLDTLIPDGKR1WDSRGKFIISNATYKEIGLLTCEATVNGHLYKTNYL 120  
 Db 61 PNITVTLKKEPLDTLIPDGKR1WDSRGKFIISNATYKEIGLLTCEATVNGHLYKTNYL 120

QY 1 MVSYNDTGVILCALLSCLLTGSSGSDTCRPFVEMYSRPEIHTMTCRELYIPCRVTS 60  
 Db 1 MVSYNDTGVILCALLSCLLTGSSGSDTCRPFVEMYSRPEIHTMTCRELYIPCRVTS 60

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 Db 61 PNITVTLKKEPLDTLIPDGKR1WDSRGKFIISNATYKEIGLLTCEATVNGHLYKTNYL 120

QY 181 LKTOQSGEMKKFLSTLTIDGVTRSQGLYTCAASSGLMTKNSTFVRYHEKDKTHTCPC 240  
 Db 181 LKTOQSGEMKKFLSTLTIDGVTRSQGLYTCAASSGLMTKNSTFVRYHEKDKTHTCPC 240

QY 61 PNITVTLKKEPLDTLIPDGKR1WDSRGKFIISNATYKEIGLLTCEATVNGHLYKTNYL 120  
 Db 61 PNITVTLKKEPLDTLIPDGKR1WDSRGKFIISNATYKEIGLLTCEATVNGHLYKTNYL 120

QY 121 HRQNTIIDVLSPSHGTIELSVEGKLVNACTARTELNGIDFWEYPSKQHQKLVNRD 180  
 Db 121 HRQNTIIDVLSPSHGTIELSVEGKLVNACTARTELNGIDFWEYPSKQHQKLVNRD 180

QY 61 PNITVTLKKEPLDTLIPDGKR1WDSRGKFIISNATYKEIGLLTCEATVNGHLYKTNYL 120  
 Db 61 PNITVTLKKEPLDTLIPDGKR1WDSRGKFIISNATYKEIGLLTCEATVNGHLYKTNYL 120

QY 181 LKTOQSGEMKKFLSTLTIDGVTRSQGLYTCAASSGLMTKNSTFVRYHEKDKTHTCPC 240  
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QY 241 PAPELGGPSVFLPPKPKDLMISRTPEVTCVVDVSHEDPEVKENMYDGVYEVNAKT 300  
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QY 301 KPREEQNSTYRVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTIISAKGQPREPVY 360  
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QY 301 KPREEQNSTYRVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTIISAKGQPREPVY 360  
 Db 301 KPREEQNSTYRVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTIISAKGQPREPVY 360

QY 421 LTVDKSRWQQGNVFSCSVMEHALNHYTOKSLSLSPGK 458  
 Db 421 LTVDKSRWQQGNVFSCSVMEHALNHYTOKSLSLSPGK 458

RESULT 11  
 US-11-019-144-2  
 Sequence 2, Application US/11039144  
 Publication No. US20050197291A1  
 GENERAL INFORMATION:  
 APPLICANT: Stanley Wiegand  
 APPLICANT: Jingtai Cao

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US-09-773-877A-22 Query Match Best Local Simil Matches 455; C
Qy 1 MVSY
Db 1 MVSY
Qy 61 PNIT
Db 58 PNIT
Qy 121 HRQ
Db 118 HRQ
Qy 181 LKTO
Db 178 LKTO
Qy 238 PPCE
Db 238 PPCE
Qy 298 AKTR
Db 298 AKTR
Qy 358 QVYN
Db 358 QVYN
Qy 418 YSKH
Db 418 YSKH

RESULT 13
US-10-609-775-8
; Sequence 8, App
; GENERAL INFORMATION
; APPLICANT: Thonon
; APPLICANT: Jamie
; APPLICANT: Nic
; TITLE OF INVENTION
; FILE REFERENCE
; CURRENT APPLIC
; PRIORITY FILING D
; PRIORITY APPLICAT
; NUMBER OF SEQ U
; SOFTWARE: Fastc
; SEQ ID NO 8
; LENGTH: 458
; TYPE: PRT
; ORGANISM: homom
US-10-609-775-8

Query Match Best Local Simil Matches 455; C
Qy 1 MVSY
Db 1 MVSY

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Db 418 YSKLTVDKSRWQQGNVFSCSYMHEALHNHYTQKSLSPGK 458

Search completed. November 2, 2005, 21:16:18  
Job time : 172 secs